## SB SERIES, FOR GENERAL USE

### APPLICATIONS

- I/O Ports, DC Power Lines, and Signal Lines
- Computer and Peripheral Products
- Consumer Electronic Products

### FEATURES

- Standard type used to suppress lower-frequency, lower current signals.
- Impedance over a Broad Frequency Range
- Suitable for Flow and Reflow Soldering
- Available in 8 Sizes

## ELECTRICAL CHARACTERISTICS

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| SBY100505T-060Y-S | 6 | 0.05 | 500 |
| SBY100505T-100Y-S | 10 | 0.05 | 500 |
| SBY100505T-400Y-S | 40 | 0.30 | 300 |
| SBY100505T-800Y-S | 80 | 0.40 | 200 |
| SBY100505T-121Y-S | 120 | 0.50 | 200 |
| SBY100505T-241Y-S | 240 | 0.50 | 200 |
| SBY100505T-481Y-S | 480 | 0.80 | 200 |
| SBY100505T-601Y-S | 600 | 1.00 | 200 |
| SBY100505T-102Y-S | 1000 | 1.50 | 100 |
| SBY100505T-152Y-S | 1500 | 2.00 | 60 |
| SBK160808T-110Y-S | 11 | 0.05 | 500 |
| SBK160808T-190Y-S | 19 | 0.08 | 500 |
| SBK160808T-300Y-S | 30 | 0.10 | 400 |
| SBK160808T-400Y-S | 40 | 0.10 | 400 |
| SBK160808T-600Y-S | 60 | 0.10 | 300 |
| SBK160808T-800Y-S | 80 | 0.15 | 300 |
| SBK160808T-121Y-S | 120 | 0.25 | 300 |
| SBK160808T-221Y-S | 220 | 0.30 | 200 |
| SBK160808T-301Y-S | 300 | 0.40 | 200 |
| SBK160808T-451Y-S | 450 | 0.50 | 200 |
| SBK160808T-601Y-S | 600 | 0.50 | 200 |
| SBK160808T-751Y-S | 750 | 0.70 | 200 |
| SBK160808T-102Y-S | 1000 | 0.70 | 200 |
| SBK160808T-152Y-S | 1500 | 1.00 | 50 |
| SBK160808T-222Y-S | 2200 | 1.20 | 50 |
| SBK160808T-272Y-S | 2700 | 1.30 | 50 |
| SBY201209T-070Y-S | 7 | 0.10 | 600 |
| SBY201209T-090Y-S | 9 | 0.10 | 600 |
| SBY201209T-110Y-S | 11 | 0.10 | 600 |
| SBY201209T-170Y-S | 17 | 0.10 | 600 |
| SBY201209T-320Y-S | 32 | 0.10 | 600 |
| SBK201209T-600Y-S | 60 | 0.15 | 500 |
| SBK201209T-700Y-S | 70 | 0.15 | 500 |
| SBK201209T-800Y-S | 80 | 0.15 | 500 |
| SBK201209T-121Y-S | 120 | 0.25 | 300 |
| SBK201209T-151Y-S | 150 | 0.25 | 300 |
| SBK201209T-221Y-S | 220 | 0.30 | 300 |
| SBK201209T-301Y-S | 300 | 0.30 | 300 |
| SBK201209T-401Y-S | 400 | 0.30 | 300 |
| SBK201209T-501Y-S | 500 | 0.40 | 300 |
| SBK201209T-601Y-S | 600 | 0.40 | 300 |
| SBK201209T-751Y-S | 750 | 0.50 | 200 |
| SBK201209T-102Y-S | 1000 | 0.50 | 200 |
| SBK201209T-152Y-S | 1500 | 0.60 | 200 |
| SBK201209T-202Y-S | 2000 | 0.80 | 100 |
| SBK201209T-222Y-S | 2200 | 1.00 | 100 |
| SBK201209T-252Y-S | 2500 | 1.00 | 100 |
| SBK201209T-272Y-S | 2700 | 1.50 | 100 |
| SBY321611T-190Y-S | 19 | 0.05 | 600 |
| SBY321611T-260Y-S | 26 | 0.05 | 600 |
| SBY321611T-320Y-S | 32 | 0.05 | 600 |
| SBY321611T-500Y-S | 50 | 0.10 | 500 |
| SBY321611T-600Y-S | 60 | 0.10 | 500 |
| SBK321611T-700Y-S | 70 | 0.10 | 500 |
| SBK321611T-900Y-S | 90 | 0.15 | 500 |
| SBK321611T-121Y-S | 120 | 0.15 | 500 |
| SBK321611T-151Y-S | 150 | 0.15 | 500 |
| SBK321611T-201Y-S | 200 | 0.20 | 400 |
| SBK321611T-401Y-S | 400 | 0.20 | 400 |
| SBK321611T-501Y-S | 500 | 0.20 | 400 |
| SBK321611T-601Y-S | 600 | 0.30 | 400 |
| SBK321611T-102Y-S | 1000 * | 0.40 | 200 |
| SBK321611T-122Y-S | 1200 * | 0.40 | 200 |
| SBK321611T-152Y-S | 1500 * | 0.45 | 200 |
| SBK321611T-202Y-S | 2000 ** | 0.60 | 200 |
| SBK321611T-272Y-S | 2700 ** | 0.60 | 200 |
| SBY321616T-250Y-S | 25 | 0.10 | 500 |
| SBY321616T-600Y-S | 60 | 0.20 | 500 |
| SBK321616T-700Y-S | 70 | 0.20 | 500 |
| SBY322513T-320Y-S | 32 | 0.20 | 500 |
| SBY322513T-600Y-S | 60 | 0.20 | 500 |
| SBY322513T-900Y-S | 90 | 0.20 | 500 |
| SBY451616T-500Y-S | 50 | 0.20 | 600 |
| SBY451616T-600Y-S | 60 | 0.20 | 600 |
| SBY451616T-800Y-S | 80 | 0.20 | 600 |
| SBY451616T-101Y-S | 100 | 0.30 | 500 |
| SBK451616T-151Y-S | 150 | 0.30 | 500 |
| SBK451616T-171Y-S | 170 | 0.30 | 500 |
| SBY453215T-700Y-S | 70 | 0.30 | 500 |
| SBY453215T-121Y-S | 120 | 0.30 | 500 |

Note : * at 50MHz ** at 30MHz

## LEAD-FREE & ROHS COMPLIANCE

| PART NO. | IMPEDANCE (Ω ± 25%) | RDC (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| SBY100505T-060□-N | 6 | 0.05 | 500 |
| SBY100505T-100□-N | 10 | 0.05 | 500 |
| SBY100505T-300□-N | 30 | 0.3 | 300 |
| SBY100505T-400□-N | 40 | 0.3 | 300 |
| SBY100505T-470□-N | 47 | 0.4 | 200 |
| SBY100505T-600□-N | 60 | 0.4 | 200 |
| SBY100505T-700□-N | 70 | 0.4 | 200 |
| SBY100505T-750□-N | 75 | 0.4 | 200 |
| SBY100505T-800□-N | 80 | 0.4 | 200 |
| SBY100505T-121□-N | 120 | 0.5 | 200 |
| SBY100505T-151□-N | 150 | 0.5 | 200 |
| SBY100505T-221□-N | 220 | 0.5 | 200 |
| SBY100505T-241□-N | 240 | 0.5 | 200 |
| SBY100505T-301□-N | 300 | 0.8 | 200 |
| SBY100505T-481□-N | 480 | 0.8 | 200 |
| SBY100505T-601□-N | 600 | 1 | 200 |
| SBY100505T-102□-N | 1000 | 1.5 | 100 |
| SBY100505T-152□-N | 1500 | 2 | 60 |
| SBK160808T-050□-N | 5 | 0.05 | 500 |
| SBK160808T-060□-N | 6 | 0.05 | 500 |
| SBK160808T-070□-N | 7 | 0.05 | 500 |
| SBK160808T-100□-N | 10 | 0.05 | 500 |
| SBK160808T-110□-N | 11 | 0.05 | 500 |
| SBK160808T-150□-N | 15 | 0.08 | 500 |
| SBK160808T-170□-N | 17 | 0.08 | 500 |
| SBK160808T-190□-N | 19 | 0.08 | 500 |
| SBK160808T-220□-N | 22 | 0.1 | 400 |
| SBK160808T-250□-N | 25 | 0.1 | 400 |
| SBK160808T-260□-N | 26 | 0.1 | 400 |
| SBK160808T-300□-N | 30 | 0.1 | 400 |
| SBK160808T-310□-N | 31 | 0.1 | 400 |
| SBK160808T-400□-N | 40 | 0.1 | 400 |
| SBK160808T-470□-N | 47 | 0.1 | 300 |
| SBK160808T-500□-N | 50 | 0.1 | 300 |
| SBK160808T-600□-N | 60 | 0.1 | 300 |
| SBK160808T-680□-N | 68 | 0.15 | 300 |
| SBK160808T-700□-N | 70 | 0.15 | 300 |
| SBK160808T-750□-N | 75 | 0.15 | 300 |
| SBK160808T-800□-N | 80 | 0.15 | 300 |
| SBK160808T-900□-N | 90 | 0.2 | 300 |
| SBK160808T-101□-N | 100 | 0.2 | 300 |
| SBK160808T-121□-N | 120 | 0.25 | 400 |
| SBK160808T-151□-N | 150 | 0.3 | 200 |
| SBK160808T-181□-N | 180 | 0.3 | 200 |
| SBK160808T-201□-N | 200 | 0.3 | 200 |
| SBK160808T-121□-N | 220 | 0.3 | 200 |
| SBK160808T-241□-N | 240 | 0.4 | 200 |
| SBK160808T-301□-N | 300 | 0.4 | 200 |
| SBK160808T-331□-N | 330 | 0.5 | 200 |
| SBK160808T-451□-N | 450 | 0.5 | 200 |
| SBK160808T-471□-N | 470 | 0.5 | 200 |

| PART NO. | IMPEDANCE (Ω ± 25%) | RDC (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| SBK160808T-501□-N | 500 | 0.5 | 200 |
| SBK160808T-601□-N | 600 | 0.5 | 200 |
| SBK160808T-751□-N | 750 | 0.7 | 200 |
| SBK160808T-102□-N | 1000 | 0.7 | 200 |
| SBK160808T-122□-N | 1200 | 1 | 50 |
| SBK160808T-152□-N | 1500 | 1 | 50 |
| SBK160808T-202□-N | 2000 | 1.2 | 50 |
| SBK160808T-222□-N | 2200 | 1.2 | 50 |
| SBK160808T-252□-N | 2500 | 1.3 | 50 |
| SBK160808T-272□-N | 2700 | 1.3 | 50 |
| SBY201209T-070□-N | 7 | 0.1 | 600 |
| SBY201209T-090□-N | 9 | 0.1 | 600 |
| SBY201209T-100□-N | 10 | 0.1 | 600 |
| SBY201209T-110□-N | 11 | 0.1 | 600 |
| SBY201209T-170□-N | 17 | 0.1 | 600 |
| SBY201209T-190□-N | 19 | 0.1 | 600 |
| SBY201209T-220□-N | 22 | 0.1 | 600 |
| SBY201209T-260□-N | 26 | 0.1 | 600 |
| SBY201209T-280□-N | 28 | 0.1 | 600 |
| SBY201209T-300□-N | 30 | 0.1 | 600 |
| SBY201209T-310□-N | 31 | 0.1 | 600 |
| SBY201209T-320□-N | 32 | 0.1 | 600 |
| SBY201209T-390□-N | 39 | 0.1 | 500 |
| SBY201209T-400□-N | 40 | 0.1 | 500 |
| SBY201209T-470□-N | 47 | 0.1 | 500 |
| SBY201209T-500□-N | 50 | 0.1 | 500 |
| SBY201209T-560□-N | 56 | 0.15 | 500 |
| SBK201209T-600□-N | 60 | 0.15 | 500 |
| SBK201209T-700□-N | 70 | 0.15 | 500 |
| SBK201209T-750□-N | 75 | 0.15 | 500 |
| SBK201209T-800□-N | 80 | 0.15 | 500 |
| SBK201209T-900□-N | 90 | 0.15 | 500 |
| SBK201209T-101□-N | 100 | 0.25 | 300 |
| SBK201209T-121□-N | 120 | 0.25 | 300 |
| SBK201209T-151□-N | 150 | 0.25 | 300 |
| SBK201209T-201□-N | 200 | 0.3 | 300 |
| SBK201209T-221□-N | 220 | 0.3 | 300 |
| SBK201209T-241□-N | 240 | 0.3 | 300 |
| SBK201209T-301□-N | 300 | 0.3 | 300 |
| SBK201209T-331□-N | 330 | 0.3 | 300 |
| SBK201209T-401□-N | 400 | 0.3 | 300 |
| SBK201209T-431□-N | 430 | 0.4 | 300 |
| SBK201209T-451□-N | 450 | 0.4 | 300 |
| SBK201209T-471□-N | 470 | 0.4 | 300 |
| SBK201209T-501□-N | 500 | 0.4 | 300 |
| SBK201209T-601□-N | 600 | 0.4 | 300 |
| SBK201209T-751□-N | 750 | 0.5 | 200 |
| SBK201209T-102□-N | 1000 | 0.5 | 200 |
| SBK201209T-122□-N | 1200 | 0.6 | 200 |
| SBK201209T-152□-N | 1500 | 0.6 | 200 |
| SBK201209T-202□-N | 2000 | 0.8 | 100 |

## LEAD-FREE & ROHS COMPLIANCE

| PART NO. | IMPEDANCE (Ω ± 25%) | RDC (Ω) Max. | RATED CURRENT (mA) Max. | PART NO. | IMPEDANCE (Ω ± 25%) | RDC (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|---|---|---|---|
| SBK201209T-222□-N | 2200 | 1 | 100 | SBK321611T-401□-N | 400 | 0.2 | 400 |
| SBK201209T-252□-N | 2500 | 1 | 100 | SBK321611T-471□-N | 470 | 0.2 | 400 |
| SBK201209T-272□-N | 2700 | 1.5 | 100 | SBK321611T-501□-N | 500 | 0.2 | 400 |
| SBY321611T-080□-N | 8 | 0.05 | 600 | SBK321611T-601□-N | 600 | 0.3 | 400 |
| SBY321611T-090□-N | 9 | 0.05 | 600 | SBK321611T-102□-N | 1000 | 0.4 | 200 |
| SBY321611T-110□-N | 11 | 0.05 | 600 | SBK321611T-122□-N | 1200 | 0.4 | 200 |
| SBY321611T-190□-N | 19 | 0.05 | 600 | SBK321611T-152□-N | 1500 | 0.45 | 200 |
| SBY321611T-260□-N | 26 | 0.05 | 600 | SBK321611T-202□-N | 2000 | 0.6 | 200 |
| SBY321611T-300□-N | 30 | 0.05 | 600 | SBY321616T-250□-N | 25 | 0.1 | 500 |
| SBY321611T-310□-N | 31 | 0.05 | 600 | SBY321616T-600□-N | 60 | 0.2 | 500 |
| SBY321611T-320□-N | 32 | 0.05 | 600 | SBK321616T-700□-N | 70 | 0.2 | 500 |
| SBY321611T-470□-N | 47 | 0.1 | 500 | SBY322513T-320□-N | 32 | 0.2 | 500 |
| SBY321611T-500□-N | 50 | 0.1 | 500 | SBY322513T-600□-N | 60 | 0.2 | 500 |
| SBY321611T-600□-N | 60 | 0.1 | 500 | SBY322513T-900□-N | 90 | 0.2 | 500 |
| SBK321611T-700□-N | 70 | 0.1 | 500 | SBY451616T-500□-N | 50 | 0.2 | 600 |
| SBK321611T-750□-N | 75 | 0.15 | 500 | SBY451616T-600□-N | 60 | 0.2 | 600 |
| SBK321611T-800□-N | 80 | 0.15 | 500 | SBY451616T-800□-N | 80 | 0.2 | 600 |
| SBK321611T-900□-N | 90 | 0.15 | 500 | SBY451616T-900□-N | 90 | 0.3 | 500 |
| SBK321611T-101□-N | 100 | 0.15 | 500 | SBY451616T-101□-N | 100 | 0.3 | 500 |
| SBK321611T-121□-N | 120 | 0.15 | 500 | SBK451616T-151□-N | 150 | 0.3 | 500 |
| SBK321611T-151□-N | 150 | 0.15 | 500 | SBK451616T-171□-N | 170 | 0.3 | 500 |
| SBK321611T-201□-N | 200 | 0.2 | 400 | SBY453215T-700□-N | 70 | 0.3 | 500 |
| SBK321611T-221□-N | 220 | 0.2 | 400 | SBY453215T-121□-N | 120 | 0.3 | 500 |
| SBK321611T-301□-N | 300 | 0.2 | 400 | | | | |

## PB SERIES, FOR HIGH CURRENT USE

**APPLICATIONS**

High current DC power lines for USB interface circuitry, personal computers, electronice games, hard disk drives, and other general electronic equipment.

**FEATURES**

- Suitable for High Current Applications
- Small Package Size-EIA STD 0402/0603/0805/1206/1806 and 1812
- Nickel Barrier Terminations Provide Excellent Solder Heat Resistance
- Current Rating up to 6 AMPS (Max) (High Current Handling Capacity)
- Low DCR
- Suitable for Flow and Reflow Soldering
- Available in 6 Sizes

## ELECTRICAL CHARACTERISTICS

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| PBY100505T-100Y-S | 10 | 0.03 | 1000 |
| PBY160808T-110Y-S | 11 | 0.02 | 4000 |
| PBY160808T-250Y-S | 25 | 0.03 | 3000 |
| PBY160808T-400Y-S | 40 | 0.035 | 3000 |
| PBY160808T-600Y-S | 60 | 0.04 | 3000 |
| PBY160808T-121Y-S | 120 | 0.08 | 2500 |
| PBY160808T-151Y-S | 150 | 0.085 | 2000 |
| PBY160808T-181Y-S | 180 | 0.09 | 2000 |
| PBY160808T-201Y-S | 200 | 0.095 | 2000 |
| PBY160808T-301Y-S | 300 | 0.10 | 2000 |
| PBY160808T-501Y-S | 500 | 0.15 | 1500 |
| PBY160808T-601Y-S | 600 | 0.20 | 1000 |
| PBY160808T-102Y-S | 1000 | 0.25 | 800 |
| PBY201209T-110Y-S | 11 | 0.01 | 6000 |
| PBY201209T-170Y-S | 17 | 0.02 | 5000 |
| PBY201209T-300Y-S | 30 | 0.015 | 5000 |
| PBY201209T-500Y-S | 50 | 0.025 | 3000 |
| PBY201209T-600Y-S | 60 | 0.03 | 3000 |
| PBY201209T-800Y-S | 80 | 0.04 | 3000 |
| PBY201209T-121Y-S | 120 | 0.04 | 3000 |
| PBY201209T-201Y-S | 200 | 0.05 | 2500 |
| PBY201209T-301Y-S | 300 | 0.08 | 2000 |
| PBY201209T-601Y-S | 600 | 0.10 | 2000 |
| PBY201209T-102Y-S | 1000 | 0.12 | 1500 |
| PBY321611T-190Y-S | 19 | 0.015 | 6000 |
| PBY321611T-320Y-S | 32 | 0.015 | 4000 |
| PBY321611T-500Y-S | 50 | 0.02 | 4000 |
| PBY321611T-800Y-S | 80 | 0.025 | 3000 |
| PBY321611T-101Y-S | 100 | 0.03 | 2500 |
| PBY321611T-121Y-S | 120 | 0.03 | 2500 |
| PBY321611T-221Y-S | 220 | 0.05 | 2000 |
| PBY321611T-301Y-S | 300 | 0.06 | 2000 |
| PBY321611T-601Y-S | 600 | 0.10 | 1800 |
| PBY321611T-102Y-S | 1000 * | 0.15 | 1200 |
| PBY321611T-122Y-S | 1200 * | 0.18 | 1000 |
| PBY321611T-152Y-S | 1500 * | 0.20 | 800 |
| PBY322513T-600Y-S | 60 | 0.025 | 4000 |
| PBY322513T-900Y-S | 90 | 0.025 | 3000 |
| PBY451616T-500Y-S | 50 | 0.020 | 6000 |
| PBY451616T-600Y-S | 60 | 0.020 | 5000 |
| PBY451616T-800Y-S | 80 | 0.025 | 4000 |
| PBY451616T-900Y-S | 90 | 0.04 | 4000 |
| PBY451616T-151Y-S | 150 | 0.100 | 2000 |
| PBY453215T-700Y-S | 70 | 0.03 | 6000 |
| PBY453215T-121Y-S | 120 | 0.03 | 4000 |
| PBY453215T-151Y-S | 150 | 0.03 | 4000 |
| PBY453215T-601Y-S | 600 | 0.1 | 2000 |

Note : * at 50MHz

## LEAD-FREE & ROHS COMPLIANCE

| PART NO. | IMPEDANCE (Ω ± 25%) | RDC (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| PBY100505T-100□-N | 10 | 0.03 | 1000 |
| PBY160808T-100□-N | 10 | 0.02 | 4000 |
| PBY160808T-110□-N | 11 | 0.02 | 4000 |
| PBY160808T-190□-N | 19 | 0.03 | 3000 |
| PBY160808T-200□-N | 20 | 0.03 | 3000 |
| PBY160808T-220□-N | 22 | 0.03 | 3000 |
| PBY160808T-250□-N | 25 | 0.03 | 3000 |
| PBY160808T-300□-N | 30 | 0.03 | 3000 |
| PBY160808T-310□-N | 31 | 0.035 | 3000 |
| PBY160808T-400□-N | 40 | 0.035 | 3000 |
| PBY160808T-470□-N | 47 | 0.04 | 3000 |
| PBY160808T-500□-N | 50 | 0.04 | 3000 |
| PBY160808T-560□-N | 56 | 0.04 | 3000 |
| PBY160808T-600□-N | 60 | 0.04 | 3000 |
| PBY160808T-680□-N | 68 | 0.05 | 2500 |
| PBY160808T-700□-N | 70 | 0.05 | 2500 |
| PBY160808T-750□-N | 75 | 0.05 | 2500 |
| PBY160808T-800□-N | 80 | 0.05 | 2500 |
| PBY160808T-900□-N | 90 | 0.05 | 2500 |
| PBY160808T-101□-N | 100 | 0.05 | 2500 |
| PBY160808T-121□-N | 120 | 0.08 | 2500 |
| PBY160808T-151□-N | 150 | 0.085 | 2000 |
| PBY160808T-181□-N | 180 | 0.09 | 2000 |
| PBY160808T-201□-N | 200 | 0.095 | 2000 |
| PBY160808T-221□-N | 220 | 0.1 | 2000 |
| PBY160808T-301□-N | 300 | 0.12 | 1500 |
| PBY160808T-331□-N | 330 | 0.12 | 1500 |
| PBY160808T-401□-N | 400 | 0.12 | 1500 |
| PBY160808T-471□-N | 470 | 0.12 | 1500 |
| PBY160808T-501□-N | 500 | 0.15 | 1200 |
| PBY160808T-601□-N | 600 | 0.2 | 1000 |
| PBY160808T-102□-N | 1000 | 0.25 | 800 |
| PBY201209T-070□-N | 7 | 0.01 | 6000 |
| PBY201209T-110□-N | 11 | 0.01 | 6000 |
| PBY201209T-170□-N | 17 | 0.02 | 5000 |
| PBY201209T-190□-N | 19 | 0.02 | 4000 |
| PBY201209T-220□-N | 22 | 0.02 | 4000 |
| PBY201209T-280□-N | 28 | 0.02 | 4000 |
| PBY201209T-300□-N | 30 | 0.02 | 4000 |
| PBY201209T-310□-N | 31 | 0.02 | 4000 |
| PBY201209T-390□-N | 39 | 0.02 | 3000 |
| PBY201209T-400□-N | 40 | 0.02 | 3000 |
| PBY201209T-420□-N | 42 | 0.025 | 3000 |
| PBY201209T-500□-N | 50 | 0.025 | 3000 |
| PBY201209T-600□-N | 60 | 0.03 | 3000 |
| PBY201209T-700□-N | 70 | 0.04 | 3000 |
| PBY201209T-750□-N | 75 | 0.04 | 3000 |
| PBY201209T-800□-N | 80 | 0.04 | 3000 |
| PBY201209T-900□-N | 90 | 0.04 | 3000 |
| PBY201209T-101□-N | 100 | 0.04 | 3000 |
| PBY201209T-121□-N | 120 | 0.04 | 3000 |
| PBY201209T-151□-N | 150 | 0.05 | 2500 |
| PBY201209T-181□-N | 180 | 0.05 | 2500 |
| PBY201209T-201□-N | 200 | 0.05 | 2500 |
| PBY201209T-221□-N | 220 | 0.08 | 2000 |
| PBY201209T-301□-N | 300 | 0.08 | 2000 |
| PBY201209T-331□-N | 330 | 0.08 | 2000 |
| PBY201209T-401□-N | 400 | 0.1 | 2000 |
| PBY201209T-471□-N | 470 | 0.1 | 2000 |
| PBY201209T-501□-N | 500 | 0.1 | 2000 |
| PBY201209T-601□-N | 600 | 0.1 | 2000 |
| PBY201209T-102□-N | 1000 | 0.12 | 1500 |
| PBY321611T-080□-N | 8 | 0.015 | 6000 |
| PBY321611T-110□-N | 11 | 0.015 | 6000 |
| PBY321611T-190□-N | 19 | 0.015 | 6000 |
| PBY321611T-260□-N | 26 | 0.015 | 6000 |
| PBY321611T-300□-N | 30 | 0.015 | 4000 |
| PBY321611T-310□-N | 31 | 0.015 | 4000 |
| PBY321611T-320□-N | 32 | 0.015 | 4000 |
| PBY321611T-420□-N | 42 | 0.015 | 4000 |
| PBY321611T-500□-N | 50 | 0.02 | 4000 |
| PBY321611T-600□-N | 60 | 0.02 | 4000 |
| PBY321611T-680□-N | 68 | 0.02 | 4000 |
| PBY321611T-700□-N | 70 | 0.02 | 4000 |
| PBY321611T-800□-N | 80 | 0.025 | 3000 |
| PBY321611T-900□-N | 90 | 0.03 | 3000 |
| PBY321611T-101□-N | 100 | 0.03 | 2000 |
| PBY321611T-121□-N | 120 | 0.03 | 2000 |
| PBY321611T-151□-N | 150 | 0.04 | 2000 |
| PBY321611T-201□-N | 200 | 0.05 | 2000 |
| PBY321611T-221□-N | 220 | 0.05 | 2000 |
| PBY321611T-301□-N | 300 | 0.06 | 2000 |
| PBY321611T-401□-N | 400 | 0.1 | 2000 |
| PBY321611T-501□-N | 500 | 0.1 | 2000 |
| PBY321611T-601□-N | 600 | 0.1 | 2000 |
| PBY321611T-102□-N | 1000 | 0.15 | 1200 |
| PBY321611T-122□-N | 1200 | 0.18 | 1000 |
| PBY321611T-152□-N | 1500 | 0.2 | 800 |
| PBY322513T-600□-N | 60 | 0.025 | 4000 |
| PBY322513T-900□-N | 90 | 0.025 | 3000 |
| PBY451616T-190□-N | 19 | 0.02 | 6000 |
| PBY451616T-400□-N | 40 | 0.02 | 6000 |
| PBY451616T-500□-N | 50 | 0.02 | 6000 |
| PBY451616T-600□-N | 60 | 0.02 | 5000 |
| PBY451616T-700□-N | 70 | 0.025 | 5000 |
| PBY451616T-750□-N | 75 | 0.025 | 5000 |
| PBY451616T-800□-N | 80 | 0.025 | 4000 |
| PBY451616T-101□-N | 100 | 0.1 | 2000 |
| PBY451616T-151□-N | 150 | 0.1 | 2000 |
| PBY451616T-191□-N | 190 | 0.1 | 2000 |
| PBY451616T-601□-N | 600 | 0.1 | 2000 |
| PBY451616T-102□-N | 1000 | 0.1 | 2000 |

## LEAD-FREE & ROHS COMPLIANCE

| PART NO. | IMPEDANCE (Ω ± 25%) | RDC (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| PBY451616T-132□-N | 1300 | 0.1 | 2000 |
| PBY453215T-700□-N | 70 | 0.03 | 6000 |
| PBY453215T-800□-N | 80 | 0.03 | 4000 |
| PBY453215T-900□-N | 90 | 0.03 | 4000 |
| PBY453215T-121□-N | 120 | 0.03 | 4000 |
| PBY453215T-125□-N | 125 | 0.03 | 4000 |
| PBY453215T-151□-N | 150 | 0.03 | 4000 |

## UPB SERIES, FOR ULTRA HIGH CURRENT USE

| APPLICATIONS | FEATURES |
|---|---|
| Preventing of Electronics Magnet Interference in Power Line of PC, Printer, & CD ROM | High Current Performance |
| High Frequency Filtering of Medium Speed Clocks and Video Signals | Low D.C. Resistance Minute mΩ Typically |
| | Impedance Character of Broad Frequency |

## ELECTRICAL CHARACTERISTICS

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| UPB160808T-110Y-S | 11 | 0.015 | 4500 |
| UPB160808T-170Y-S | 17 | 0.015 | 4500 |
| UPB160808T-250Y-S | 25 | 0.015 | 4500 |
| UPB160808T-300Y-S | 30 | 0.015 | 4500 |
| UPB201209T-110Y-S | 11 | 0.015 | 5000 |
| UPB201209T-150Y-S | 15 | 0.015 | 5000 |
| UPB201209T-190Y-S | 19 | 0.015 | 5000 |
| UPB201209T-260Y-S | 26 | 0.015 | 5000 |
| UPB201209T-300Y-S | 30 | 0.015 | 5000 |
| UPB201209T-330Y-S | 33 | 0.015 | 5000 |
| UPB201209T-400Y-S | 40 | 0.015 | 5000 |
| UPB201209T-500Y-S | 50 | 0.015 | 5000 |
| UPB201209T-600Y-S | 60 | 0.020 | 4500 |
| UPB201212T-600Y-S | 60 | 0.02 | 5000 |
| UPB201212T-700Y-S | 70 | 0.02 | 5000 |
| UPB201212T-800Y-S | 80 | 0.02 | 5000 |
| UPB201212T-101Y-S | 100 | 0.025 | 5000 |
| UPB201212T-121Y-S | 120 | 0.025 | 5000 |
| UPB321611T-110Y-S | 11 | 0.012 | 6000 |
| UPB321611T-190Y-S | 19 | 0.012 | 6000 |
| UPB321611T-260Y-S | 26 | 0.012 | 6000 |
| UPB321611T-300Y-S | 30 | 0.012 | 6000 |
| UPB321611T-400Y-S | 40 | 0.012 | 6000 |
| UPB321611T-500Y-S | 50 | 0.012 | 6000 |
| UPB321611T-600Y-S | 60 | 0.012 | 6000 |
| UPB321611T-800Y-S | 80 | 0.012 | 6000 |
| UPB321611T-101Y-S | 100 | 0.012 | 6000 |
| UPB321611T-121Y-S | 120 | 0.012 | 6000 |
| UPB321611T-151Y-S | 150 | 0.020 | 4500 |
| UPB321616T-600Y-S | 60 | 0.012 | 6000 |
| UPB323215T-700Y-S | 70 | 0.01 | 9000 |

## ELECTRICAL CHARACTERISTICS : LEAD-FREE & ROHS COMPLIANCE

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| UPB160808T-110 □ -N | 11 | 0.015 | 4500 |
| UPB160808T-170 □ -N | 17 | 0.015 | 4500 |
| UPB160808T-250 □ -N | 25 | 0.015 | 4500 |
| UPB160808T-300 □ -N | 30 | 0.015 | 4500 |
| UPB201209T-110 □ -N | 11 | 0.012 | 5000 |
| UPB201209T-150 □ -N | 15 | 0.012 | 5000 |
| UPB201209T-190 □ -N | 19 | 0.012 | 5000 |
| UPB201209T-260 □ -N | 26 | 0.012 | 5000 |
| UPB201209T-300 □ -N | 30 | 0.012 | 5000 |
| UPB201209T-330 □ -N | 33 | 0.012 | 5000 |
| UPB201209T-400 □ -N | 40 | 0.015 | 5000 |
| UPB201209T-500 □ -N | 50 | 0.015 | 5000 |
| UPB201209T-600 □ -N | 60 | 0.02 | 4500 |
| UPB201209T-700 □ -N | 70 | 0.02 | 4500 |
| UPB201209T-800 □ -N | 80 | 0.02 | 4500 |
| UPB201212T-600 □ -N | 60 | 0.02 | 5000 |
| UPB201212T-700 □ -N | 70 | 0.02 | 5000 |
| UPB201212T-800 □ -N | 80 | 0.02 | 5000 |
| UPB201212T-101 □ -N | 100 | 0.025 | 5000 |
| UPB201212T-121 □ -N | 120 | 0.025 | 5000 |
| UPB321611T-110 □ -N | 11 | 0.012 | 6000 |
| UPB321611T-190 □ -N | 19 | 0.012 | 6000 |
| UPB321611T-260 □ -N | 26 | 0.012 | 6000 |
| UPB321611T-300 □ -N | 30 | 0.012 | 6000 |
| UPB321611T-320 □ -N | 32 | 0.012 | 6000 |
| UPB321611T-400 □ -N | 40 | 0.012 | 6000 |
| UPB321611T-500 □ -N | 50 | 0.012 | 6000 |
| UPB321611T-600 □ -N | 60 | 0.012 | 6000 |
| UPB321611T-800 □ -N | 80 | 0.012 | 6000 |
| UPB321611T-101 □ -N | 100 | 0.012 | 6000 |
| UPB321611T-121 □ -N | 120 | 0.012 | 6000 |
| UPB321611T-151 □ -N | 150 | 0.02 | 4500 |
| UPB451616T-600 □ -N | 60 | 0.012 | 7000 |
| UPB453215T-700 □ -N | 70 | 0.01 | 9000 |
| UPB453215T-900 □ -N | 90 | 0.01 | 9000 |

NOTE : □ -tolerance Y=±25% / T=±30%

1.Operating temperature range -55°C~125°C

2.Rate current: App;ied the current to coils, the temperature rise shall not be more than 30°C

"-N"FOR COMPLETELY LEAD FREE TYPE(INCLUDING FERRITE BODY & SOLDER)

## NB SERIES, FOR HIGH SPEED SIGNALS USE

| APPLICATIONS | FEATURES |
|---|---|
| High-Speed Circuits for Computer & Peripheral Equipments and Communication Devices | Exhibiting High Impedance with Sharp Increase at High-Speed Signal Frequencies with Minimal Diminishing the Desired Wave Form |
| Cellular Phone | Suitable for Flow and Reflow Soldering |
| Suitable for Circuits with Unstable Ground | Available in 4 Sizes |

## ELECTRICAL CHARACTERISTICS

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω ) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| NBQ100505T-060Y-S | 6 | 0.10 | 300 |
| NBQ100505T-100Y-S | 10 | 0.20 | 200 |
| NBQ100505T-400Y-S | 40 | 0.40 | 150 |
| NBQ100505T-800Y-S | 80 | 0.60 | 100 |
| NBQ100505T-121Y-S | 120 | 0.80 | 50 |
| NBQ160808T-060Y-S | 6 | 0.05 | 500 |
| NBQ160808T-100Y-S | 10 | 0.07 | 400 |
| NBQ160808T-400Y-S | 40 | 0.30 | 300 |
| NBQ160808T-600Y-S | 60 | 0.30 | 300 |
| NBQ160808T-800Y-S | 80 | 0.40 | 300 |
| NBQ160808T-121Y-S | 120 | 0.40 | 300 |
| NBQ160808T-241Y-S | 240 | 0.40 | 200 |
| NBQ160808T-301Y-S | 300 | 0.50 | 200 |
| NBQ160808T-481Y-S | 480 | 0.60 | 150 |
| NBQ160808T-601Y-S | 600 | 0.60 | 100 |
| NBQ160808T-102Y-S | 1000 | 0.70 | 100 |
| NBQ160808T-122Y-S | 1200 | 0.70 | 100 |
| NBQ160808T-152Y-S | 1500 | 0.80 | 100 |
| NBQ160808T-182Y-S | 1800 | 0.95 | 100 |
| NBQ160808T-222Y-S | 2200 | 1.0 | 50 |
| NBQ160808T-252Y-S | 2500 | 1.0 | 50 |
| NBQ201209T-060Y-S | 6 | 0.07 | 800 |
| NBQ201209T-110Y-S | 11 | 0.10 | 700 |
| NBQ201209T-260Y-S | 26 | 0.15 | 600 |
| NBQ201209T-320Y-S | 32 | 0.15 | 600 |
| NBQ201209T-600Y-S | 60 | 0.15 | 500 |
| NBQ201209T-750Y-S | 75 | 0.15 | 500 |
| NBQ201209T-900Y-S | 90 | 0.15 | 500 |
| NBQ201209T-121Y-S | 120 | 0.20 | 400 |
| NBQ201209T-151Y-S | 150 | 0.20 | 400 |
| NBQ201209T-171Y-S | 170 | 0.30 | 400 |
| NBQ201209T-221Y-S | 220 | 0.30 | 300 |
| NBQ201209T-301Y-S | 300 | 0.30 | 300 |
| NBQ201209T-401Y-S | 400 | 0.35 | 300 |
| NBQ201209T-501Y-S | 500 | 0.35 | 200 |
| NBQ201209T-601Y-S | 600 | 0.35 | 200 |
| NBQ201209T-102Y-S | 1000 | 0.40 | 200 |
| NBQ201209T-122Y-S | 1200 | 0.45 | 200 |
| NBQ201209T-152Y-S | 1500 | 0.45 | 200 |
| NBQ201209T-222Y-S | 2200 | 0.50 | 200 |
| NBQ201209T-272Y-S | 2700 | 0.60 | 200 |
| NBQ321611T-320Y-S | 32 | 0.15 | 600 |
| NBQ321611T-600Y-S | 60 | 0.15 | 500 |
| NBQ321611T-800Y-S | 80 | 0.15 | 500 |
| NBQ321611T-900Y-S | 90 | 0.15 | 500 |
| NBQ321611T-121Y-S | 120 | 0.20 | 400 |
| NBQ321611T-151Y-S | 150 | 0.20 | 400 |
| NBQ321611T-201Y-S | 200 | 0.25 | 300 |
| NBQ321611T-221Y-S | 220 | 0.30 | 300 |
| NBQ321611T-351Y-S | 350 | 0.30 | 300 |
| NBQ321611T-401Y-S | 400 | 0.30 | 300 |
| NBQ321611T-601Y-S | 600 | 0.35 | 300 |
| NBQ321611T-122Y-S | 1200 | 0.40 | 200 |
| NBQ321611T-152Y-S | 1500 | 0.45 | 200 |

## ELECTRICAL CHARACTERISTICS : LEAD-FREE & ROHS COMPLIANCE

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| NBQ100505T-060 □ -N | 6 | 0.1 | 300 |
| NBQ100505T-100 □ -N | 10 | 0.2 | 200 |
| NBQ100505T-220 □ -N | 22 | 0.4 | 150 |
| NBQ100505T-400 □ -N | 40 | 0.4 | 150 |
| NBQ100505T-600 □ -N | 60 | 0.6 | 100 |
| NBQ100505T-800 □ -N | 80 | 0.6 | 100 |
| NBQ100505T-121 □ -N | 120 | 0.8 | 50 |
| NBQ100505T-221 □ -N | 220 | 1.4 | 50 |
| NBQ160808T-060 □ -N | 6 | 0.05 | 500 |
| NBQ160808T-100 □ -N | 10 | 0.07 | 400 |
| NBQ160808T-300 □ -N | 30 | 0.2 | 300 |
| NBQ160808T-400 □ -N | 40 | 0.2 | 300 |
| NBQ160808T-470 □ -N | 47 | 0.2 | 300 |
| NBQ160808T-500 □ -N | 50 | 0.25 | 300 |
| NBQ160808T-600 □ -N | 60 | 0.25 | 300 |
| NBQ160808T-680 □ -N | 68 | 0.25 | 300 |
| NBQ160808T-700 □ -N | 70 | 0.25 | 300 |
| NBQ160808T-750 □ -N | 75 | 0.25 | 300 |
| NBQ160808T-800 □ -N | 80 | 0.25 | 300 |
| NBQ160808T-101 □ -N | 100 | 0.3 | 300 |
| NBQ160808T-121 □ -N | 120 | 0.3 | 300 |
| NBQ160808T-131 □ -N | 130 | 0.3 | 300 |
| NBQ160808T-141 □ -N | 140 | 0.3 | 300 |
| NBQ160808T-151 □ -N | 150 | 0.3 | 200 |
| NBQ160808T-161 □ -N | 160 | 0.3 | 200 |
| NBQ160808T-221 □ -N | 220 | 0.35 | 200 |
| NBQ160808T-241 □ -N | 240 | 0.35 | 200 |
| NBQ160808T-301 □ -N | 300 | 0.4 | 200 |
| NBQ160808T-471 □ -N | 470 | 0.5 | 200 |
| NBQ160808T-481 □ -N | 480 | 0.5 | 200 |
| NBQ160808T-601 □ -N | 600 | 0.5 | 200 |
| NBQ160808T-102 □ -N | 1000 | 0.6 | 100 |
| NBQ160808T-122 □ -N | 1200 | 0.6 | 100 |
| NBQ160808T-152 □ -N | 1500 | 0.7 | 100 |
| NBQ160808T-182 □ -N | 1800 | 0.8 | 100 |
| NBQ160808T-222 □ -N | 2200 | 1 | 50 |
| NBQ160808T-252 □ -N | 2500 | 1.5 | 50 |
| NBQ201209T-050 □ -N | 5 | 0.07 | 800 |
| NBQ201209T-060 □ -N | 6 | 0.07 | 800 |
| NBQ201209T-070 □ -N | 7 | 0.1 | 700 |
| NBQ201209T-110 □ -N | 11 | 0.1 | 700 |
| NBQ201209T-260 □ -N | 26 | 0.15 | 600 |
| NBQ201209T-300 □ -N | 30 | 0.15 | 600 |
| NBQ201209T-320 □ -N | 32 | 0.15 | 600 |
| NBQ201209T-400 □ -N | 40 | 0.15 | 500 |
| NBQ201209T-600 □ -N | 60 | 0.15 | 500 |
| NBQ201209T-750 □ -N | 75 | 0.15 | 500 |
| NBQ201209T-900 □ -N | 90 | 0.15 | 500 |
| NBQ201209T-101 □ -N | 100 | 0.2 | 400 |
| NBQ201209T-121 □ -N | 120 | 0.2 | 400 |
| NBQ201209T-151 □ -N | 150 | 0.2 | 400 |
| NBQ201209T-171 □ -N | 170 | 0.3 | 400 |

## ELECTRICAL CHARACTERISTICS : LEAD-FREE & ROHS COMPLIANCE

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| NBQ201209T-201 □ -N | 200 | 0.3 | 300 |
| NBQ201209T-221 □ -N | 220 | 0.3 | 300 |
| NBQ201209T-301 □ -N | 300 | 0.3 | 300 |
| NBQ201209T-401 □ -N | 400 | 0.3 | 300 |
| NBQ201209T-421 □ -N | 420 | 0.3 | 300 |
| NBQ201209T-501 □ -N | 500 | 0.35 | 200 |
| NBQ201209T-601 □ -N | 600 | 0.35 | 200 |
| NBQ201209T-751 □ -N | 750 | 0.4 | 200 |
| NBQ201209T-102 □ -N | 1000 | 0.4 | 200 |
| NBQ201209T-122 □ -N | 1200 | 0.45 | 200 |
| NBQ201209T-152 □ -N | 1500 | 0.45 | 200 |
| NBQ201209T-202 □ -N | 2000 | 0.5 | 200 |
| NBQ201209T-222 □ -N | 2200 | 0.5 | 200 |
| NBQ201209T-252 □ -N | 2500 | 0.6 | 200 |
| NBQ201209T-272 □ -N | 2700 | 0.6 | 200 |
| NBQ321611T-170 □ -N | 17 | 0.15 | 600 |
| NBQ321611T-190 □ -N | 19 | 0.15 | 600 |
| NBQ321611T-320 □ -N | 32 | 0.15 | 600 |
| NBQ321611T-600 □ -N | 60 | 0.15 | 500 |
| NBQ321611T-800 □ -N | 80 | 0.15 | 500 |
| NBQ321611T-900 □ -N | 90 | 0.15 | 500 |
| NBQ321611T-121 □ -N | 120 | 0.2 | 400 |
| NBQ321611T-151 □ -N | 150 | 0.2 | 400 |
| NBQ321611T-201 □ -N | 200 | 0.25 | 300 |
| NBQ321611T-221 □ -N | 220 | 0.3 | 300 |
| NBQ321611T-351 □ -N | 350 | 0.3 | 300 |
| NBQ321611T-401 □ -N | 400 | 0.3 | 300 |
| NBQ321611T-601 □ -N | 600 | 0.35 | 300 |
| NBQ321611T-122 □ -N | 1200 | 0.4 | 200 |
| NBQ321611T-152 □ -N | 1500 | 0.45 | 200 |

NOTE : □ -tolerance Y=±25% / T=±30%

1.Operating temperature range -55°C~125°C

2.Rate current: App;ied the current to coils, the temperature rise shall not be more than 30°C

"-N"FOR COMPLETELY LEAD FREE TYPE(INCLUDING FERRITE BODY & SOLDER)

## GB SERIES, FOR MID CURRENT USE

**APPLICATIONS**

* Computers * Modems * CD-ROMs * Hard Drives
* Televisions * Wireless Device

**FEATURES**

This series exhibits a low DC resistance across a wide range of impedances.
Low DC resistance characteristics make the chip beads suitable for use on signal lines handing larger currents.

## ELECTRICAL CHARACTERISTICS

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| GBK160808T-110Y-S | 11 | 0.03 | 1000 |
| GBK160808T-190Y-S | 19 | 0.05 | 1000 |
| GBK160808T-300Y-S | 30 | 0.06 | 800 |
| GBK160808T-400Y-S | 40 | 0.06 | 800 |
| GBK160808T-600Y-S | 60 | 0.06 | 600 |
| GBK160808T-800Y-S | 80 | 0.10 | 600 |
| GBK160808T-121Y-S | 120 | 0.15 | 600 |
| GBK160808T-221Y-S | 220 | 0.18 | 400 |
| GBK160808T-301Y-S | 300 | 0.25 | 400 |
| GBK160808T-451Y-S | 450 | 0.30 | 400 |
| GBK160808T-601Y-S | 600 | 0.30 | 400 |
| GBK160808T-751Y-S | 750 | 0.45 | 300 |
| GBK160808T-102Y-S | 1000 | 0.45 | 300 |
| GBY201209T-070Y-S | 7 | 0.06 | 1000 |
| GBY201209T-090Y-S | 9 | 0.06 | 1000 |
| GBY201209T-110Y-S | 11 | 0.06 | 1000 |
| GBY201209T-170Y-S | 17 | 0.06 | 1000 |
| GBY201209T-320Y-S | 32 | 0.06 | 1000 |
| GBK201209T-600Y-S | 60 | 0.10 | 800 |
| GBK201209T-700Y-S | 70 | 0.10 | 800 |
| GBK201209T-800Y-S | 80 | 0.10 | 800 |
| GBK201209T-121Y-S | 120 | 0.15 | 600 |
| GBK201209T-151Y-S | 150 | 0.15 | 600 |
| GBK201209T-221Y-S | 220 | 0.18 | 600 |
| GBK201209T-301Y-S | 300 | 0.18 | 600 |
| GBK201209T-401Y-S | 400 | 0.18 | 600 |
| GBK201209T-501Y-S | 500 | 0.25 | 500 |
| GBK201209T-601Y-S | 600 | 0.25 | 500 |
| GBK201209T-751Y-S | 750 | 0.30 | 400 |
| GBK201209T-102Y-S | 1000 | 0.30 | 400 |
| GBK201209T-152Y-S | 1500 | 0.40 | 400 |
| GBK201209T-202Y-S | 2000 | 0.55 | 400 |

| PART NO. | IMPEDANCE at 100MHz (Ω ±25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| GBY321611T-190Y-S | 19 | 0.03 | 1000 |
| GBY321611T-260Y-S | 26 | 0.03 | 1000 |
| GBY321611T-320Y-S | 32 | 0.03 | 1000 |
| GBY321611T-500Y-S | 50 | 0.06 | 800 |
| GBY321611T-600Y-S | 60 | 0.06 | 800 |
| GBK321611T-700Y-S | 70 | 0.06 | 800 |
| GBK321611T-900Y-S | 90 | 0.10 | 800 |
| GBK321611T-121Y-S | 120 | 0.10 | 800 |
| GBK321611T-151Y-S | 150 | 0.10 | 800 |
| GBK321611T-201Y-S | 200 | 0.15 | 600 |
| GBK321611T-401Y-S | 400 | 0.15 | 600 |
| GBK321611T-501Y-S | 500 | 0.15 | 600 |
| GBK321611T-601Y-S | 600 | 0.20 | 500 |
| GBK321611T-102Y-S | 1000 * | 0.25 | 400 |
| GBK321611T-122Y-S | 1200 * | 0.25 | 400 |
| GBK321611T-202Y-S | 2000 ** | 0.35 | 400 |
| GBY321616T-250Y-S | 25 | 0.10 | 1000 |
| GBY321616T-600Y-S | 60 | 0.10 | 1000 |
| GBK321616T-700Y-S | 70 | 0.10 | 1000 |
| GBY322513T-320Y-S | 32 | 0.10 | 1000 |
| GBY322513T-600Y-S | 60 | 0.10 | 1000 |
| GBY322513T-900Y-S | 90 | 0.10 | 1000 |
| GBY451616T-500Y-S | 50 | 0.10 | 1000 |
| GBY451616T-600Y-S | 60 | 0.10 | 1000 |
| GBY451616T-800Y-S | 80 | 0.10 | 1000 |
| GBY451616T-101Y-S | 100 | 0.18 | 800 |
| GBK451616T-151Y-S | 150 | 0.18 | 800 |
| GBK451616T-171Y-S | 170 | 0.18 | 800 |
| GBY453215T-700Y-S | 70 | 0.18 | 800 |
| GBY453215T-121Y-S | 120 | 0.18 | 800 |

Note : * at 50MHz ** at 30MHz

## ELECTRICAL CHARACTERISTICS : LEAD-FREE & ROHS COMPLIANCE

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| GBK160808T-110 □ -N | 11 | 0.03 | 1000 |
| GBK160808T-190 □ -N | 19 | 0.05 | 1000 |
| GBK160808T-300 □ -N | 30 | 0.06 | 800 |
| GBK160808T-320 □ -N | 32 | 0.06 | 800 |
| GBK160808T-400 □ -N | 40 | 0.06 | 800 |
| GBK160808T-500 □ -N | 50 | 0.06 | 600 |
| GBK160808T-600 □ -N | 60 | 0.06 | 600 |
| GBK160808T-800 □ -N | 80 | 0.1 | 600 |
| GBK160808T-101 □ -N | 100 | 0.15 | 600 |
| GBK160808T-121 □ -N | 120 | 0.15 | 600 |
| GBK160808T-181 □ -N | 180 | 0.18 | 400 |
| GBK160808T-221 □ -N | 220 | 0.18 | 400 |
| GBK160808T-301 □ -N | 300 | 0.25 | 400 |
| GBK160808T-451 □ -N | 450 | 0.3 | 400 |
| GBK160808T-471 □ -N | 470 | 0.3 | 400 |
| GBK160808T-601 □ -N | 600 | 0.3 | 400 |
| GBK160808T-751 □ -N | 750 | 0.45 | 300 |
| GBK160808T-102 □ -N | 1000 | 0.45 | 300 |
| GBK160808T-152 □ -N | 1500 | 0.7 | 150 |
| GBY201209T-070 □ -N | 7 | 0.06 | 1000 |
| GBY201209T-090 □ -N | 9 | 0.06 | 1000 |
| GBY201209T-110 □ -N | 11 | 0.06 | 1000 |
| GBY201209T-170 □ -N | 17 | 0.06 | 1000 |
| GBY201209T-300 □ -N | 30 | 0.06 | 1000 |
| GBY201209T-320 □ -N | 32 | 0.06 | 1000 |
| GBY201209T-330 □ -N | 33 | 0.1 | 800 |
| GBY201209T-400 □ -N | 40 | 0.1 | 800 |
| GBK201209T-600 □ -N | 60 | 0.1 | 800 |
| GBK201209T-700 □ -N | 70 | 0.1 | 800 |
| GBK201209T-800 □ -N | 80 | 0.1 | 800 |
| GBK201209T-101 □ -N | 100 | 0.15 | 600 |
| GBK201209T-121 □ -N | 120 | 0.15 | 600 |
| GBK201209T-151 □ -N | 150 | 0.15 | 600 |
| GBK201209T-221 □ -N | 220 | 0.18 | 600 |
| GBK201209T-301 □ -N | 300 | 0.18 | 600 |

## ELECTRICAL CHARACTERISTICS : LEAD-FREE & ROHS COMPLIANCE

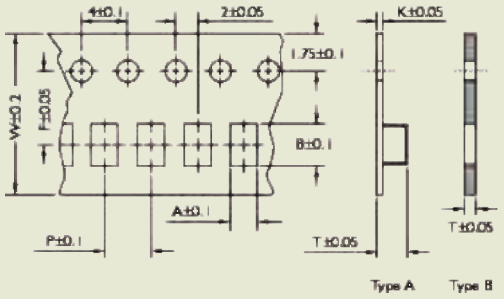
| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| GBK201209T-401 □ -N | 400 | 0.18 | 600 |
| GBK201209T-501 □ -N | 500 | 0.25 | 500 |
| GBK201209T-601 □ -N | 600 | 0.25 | 500 |
| GBK201209T-751 □ -N | 750 | 0.3 | 400 |
| GBK201209T-102 □ -N | 1000 | 0.3 | 400 |
| GBK201209T-152 □ -N | 1500 | 0.4 | 400 |
| GBK201209T-202 □ -N | 2000 | 0.55 | 400 |
| GBY321611T-190 □ -N | 19 | 0.03 | 1000 |
| GBY321611T-260 □ -N | 26 | 0.03 | 1000 |
| GBY321611T-320 □ -N | 32 | 0.03 | 1000 |
| GBY321611T-500 □ -N | 50 | 0.06 | 800 |
| GBY321611T-600 □ -N | 60 | 0.06 | 800 |
| GBK321611T-700 □ -N | 70 | 0.06 | 800 |
| GBK321611T-900 □ -N | 90 | 0.1 | 800 |
| GBK321611T-121 □ -N | 120 | 0.1 | 800 |
| GBK321611T-151 □ -N | 150 | 0.1 | 800 |
| GBK321611T-201 □ -N | 200 | 0.15 | 600 |
| GBK321611T-301 □ -N | 300 | 0.15 | 600 |
| GBK321611T-401 □ -N | 400 | 0.15 | 600 |
| GBK321611T-501 □ -N | 500 | 0.15 | 600 |
| GBK321611T-601 □ -N | 600 | 0.2 | 500 |
| GBK321611T-102 □ -N | 1000 | 0.25 | 400 |
| GBK321611T-122 □ -N | 1200 | 0.25 | 400 |
| GBK321611T-202 □ -N | 2000 | 0.35 | 400 |
| GBY321611T-250 □ -N | 25 | 0.1 | 1000 |
| GBY321611T-600 □ -N | 60 | 0.1 | 1000 |
| GBK321611T-700 □ -N | 70 | 0.1 | 1000 |
| GBY322513T-320 □ -N | 32 | 0.1 | 1000 |
| GBY322513T-600 □ -N | 60 | 0.1 | 1000 |
| GBY322513T-900 □ -N | 90 | 0.1 | 1000 |
| GBY451616T-500 □ -N | 50 | 0.1 | 1000 |
| GBY451616T-600 □ -N | 60 | 0.1 | 1000 |
| GBY451616T-800 □ -N | 80 | 0.1 | 1000 |
| GBY451616T-101 □ -N | 100 | 0.18 | 800 |

## ELECTRICAL CHARACTERISTICS : LEAD-FREE & ROHS COMPLIANCE

| PART NO. | IMPEDANCE at 100MHz (Ω ± 25%) | DC RESISTANCE (Ω) Max. | RATED CURRENT (mA) Max. |
|---|---|---|---|
| GBK451616T-151 □ -N | 150 | 0.18 | 800 |
| GBK451616T-171 □ -N | 170 | 0.18 | 800 |
| GBY453215T-700 □ -N | 70 | 0.18 | 800 |
| GBY453215T-121 □ -N | 120 | 0.18 | 800 |

## TAPE DIMENSIONS

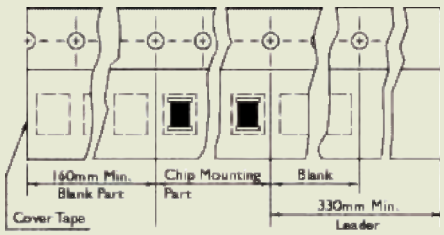
Dimensions : mm




| TYPE | | A | B | T | W | P | F | K | TAPE TYPE |
|---|---|---|---|---|---|---|---|---|---|
| SB/PB/NB | 100505 | 0.65 | 1.15 | 0.60 | 8.0 | 2.0 | 3.5 | - | B |
| SB/PB/UP/NB/GB | 160808 | 1.10 | 1.85 | 0.95 | 8.0 | 4.0 | 3.5 | - | B |
| SB/PB/UP/NB/GB | 201209 | 1.42 | 2.25 | 0.22 | 8.0 | 4.0 | 3.5 | 1.04 | A |
| SB/PB/UP/NB/GB | 321611 | 1.88 | 3.50 | 0.22 | 8.0 | 4.0 | 3.5 | 1.27 | A |
| SB/GB | 321616 | 1.88 | 3.53 | 0.22 | 8.0 | 4.0 | 3.5 | 1.80 | A |
| SB/GB | 322513 | 2.77 | 3.42 | 0.22 | 8.0 | 4.0 | 3.5 | 1.55 | A |
| SB/PB/GB | 451616 | 1.93 | 4.95 | 0.24 | 12.0 | 4.0 | 5.5 | 1.93 | A |
| SB/PB/GB | 453215 | 3.66 | 4.95 | 0.24 | 12.0 | 8.0 | 5.5 | 1.85 | A |

## TAPE MATERIAL

Carrier Tape : Polystyrene (for 201209, 201211, 321611, etc.)
Paper (for 160808, 100505)
Cover Type : Polyethyiene

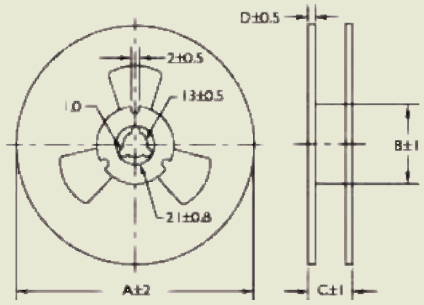



## PACKAGING QUANTITY

| TYPE | | BULK | QUANTITY/REEL |
|---|---|---|---|
| SB/PB/NB | 100505 | √ | 10000 |
| SB/PB/UP/NB/GB | 160808 | √ | 4000 |
| SB/PB/UP/NB/GB | 201209 | √ | 4000 |
| SB/PB/UP/NB/GB | 321611 | √ | 3000 |
| SB/GB | 321616 | √ | 2000 |
| SB/GB | 322513 | √ | 2500 |
| SB/PB/GB | 451616 | √ | 2000 |
| SB/PB/GB | 453215 | √ | 1000 |

## REEL DIMENSIONS

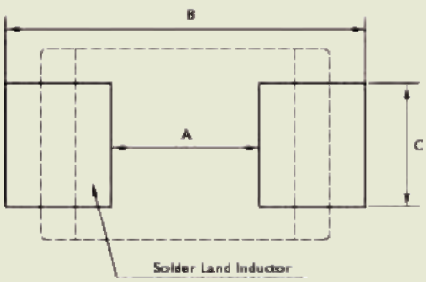
Dimensions : mm




| TYPE | | A | B | C | D |
|---|---|---|---|---|---|
| SB/PB/NB | 100505 | 178 | 60 | 10 | 2 |
| SB/PB/UP/NB/GB | 160808 | 178 | 60 | 10 | 2 |
| SB/PB/UP/NB/GB | 201209 | 178 | 60 | 10 | 2 |
| SB/PB/UP/NB/GB | 321611 | 178 | 60 | 10 | 2 |
| SB/GB | 321616 | 178 | 60 | 10 | 2 |
| SB/GB | 322513 | 178 | 60 | 10 | 2 |
| SB/PB/GB | 451616 | 178 | 60 | 14 | 2 |
| SB/PB/GB | 453215 | 178 | 60 | 14 | 2 |

## RECOMMENDED PATTERN

Dimensions : mm



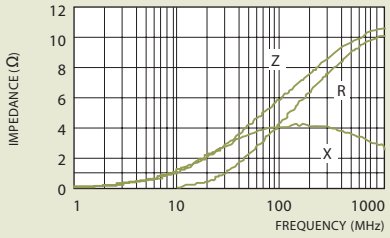

* Don't apply narrower pattern than listed above to PBY and upb Narrow pattern might cause excessive heat or open circuit.

| TYPE | | A | B | C |
|---|---|---|---|---|
| SB/PB/NB | 100505 | 0.4 | 1.2 ~ 1.4 | 0.4 |
| SB/PB/UP/NB/GB | 160808 | 0.8 | 2.4 ~ 3.4 | 0.6 |
| SB/PB/UP/NB/GB | 201209 | 1.2 | 3.0 ~ 4.0 | 1.0 |
| SB/PB/UP/NB/GB | 321611 | 2.0 | 4.2 ~ 5.2 | 1.2 |
| SB/GB | 321616 | 2.0 | 4.2 ~ 5.2 | 1.2 |
| SB/GB | 322513 | 2.0 | 5.5 ~ 6.5 | 1.8 |
| SB/PB/GB | 451616 | 3.0 | 5.5 ~ 6.5 | 1.2 |
| SB/PB/GB | 453215 | 3.0 | 5.5 ~ 6.5 | 2.4 |

## TYPICAL ELECTRICAL CHARACTERISTICS

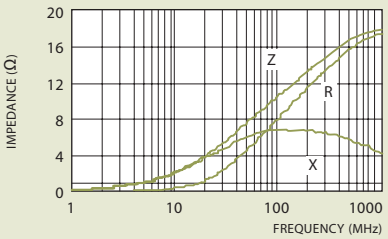
Test Instruments : HP4291A Impedance / Material Analyzer

SBY100505T-060Y-S



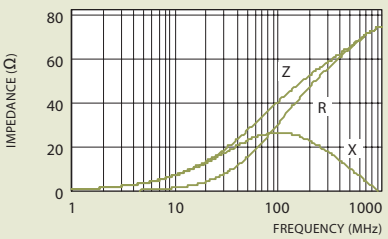

RDC<0.05Ω Rated Current: 500mA

SBY100505T-100Y-S



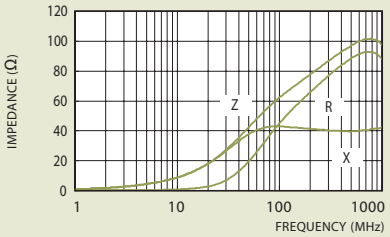

RDC< 0.05Ω Rated Current: 500mA

SBY100505T-400Y-S



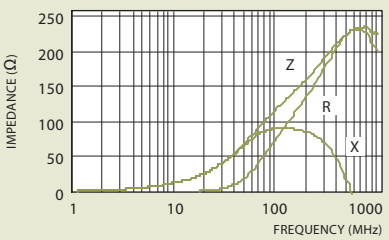

RDC< 0.30Ω Rated Current: 300mA

SBY100505T-800Y-S



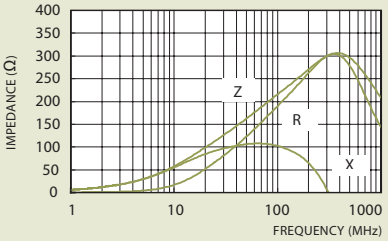

RDC<0.40Ω Rated Current: 200mA

SBY100505T-121Y-S



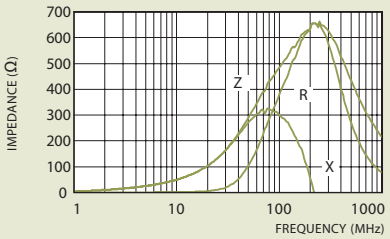

RDC< 0.50Ω Rated Current: 200mA

SBY100505T-241Y-S



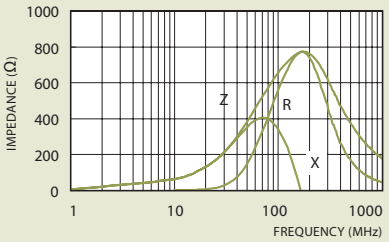

RDC<0.5Ω Rated Current: 200mA

SBY100505T-481Y-S



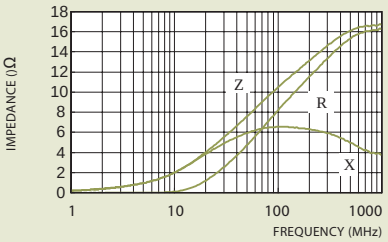

RDC<0.80Ω Rated Current: 200mA

SBY100505T-601Y-S



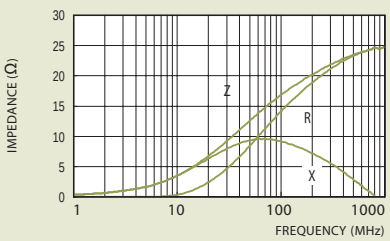

RDC<1.00Ω Rated Current: 200mA

SBK16808T-110Y-S



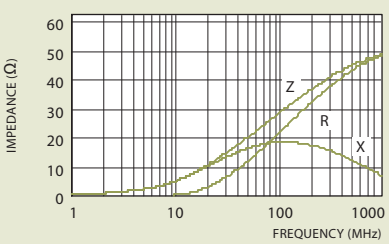

RDC<0.05Ω Rated Current: 500mA

SBK160808T-190Y-S



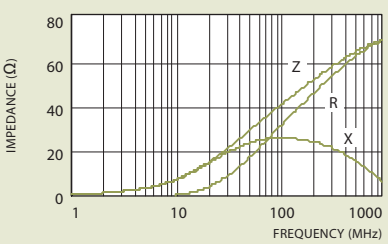

RDC<0.80Ω Rated Current: 500mA

SBK160808Y-300Y-S



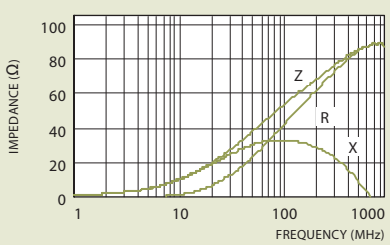

RDC< 0.10Ω Rated Current: 400mA

SBK160808T-400Y-S



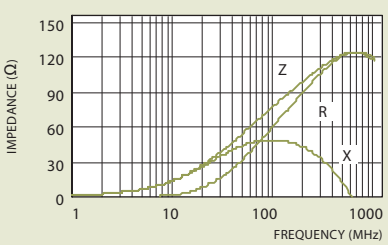

RDC< 0.10Ω Rated Current: 400mA

SBK160808T-600Y-S



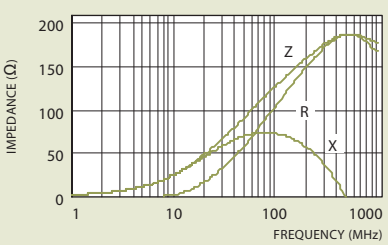

RDC< 0.10Ω Rated Current: 300mA

SBK160808T-800Y-S




RDC< 0.15Ω Rated Current: 300mA

SBK160808T-121Y-S

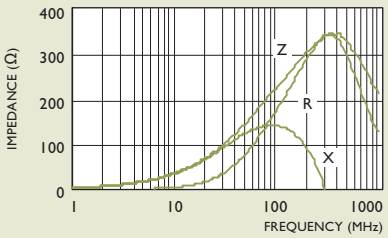



RDC< 0.25Ω Rated Current: 300mA

## TYPICAL ELECTRICAL CHARACTERISTICS

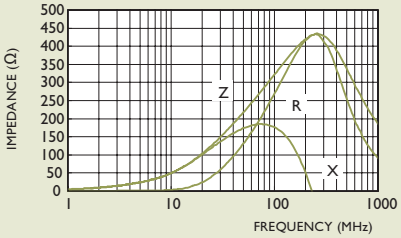
Test Instruments : HP4291A Impedance / Material Analyzer

SBK160808T-221Y-S



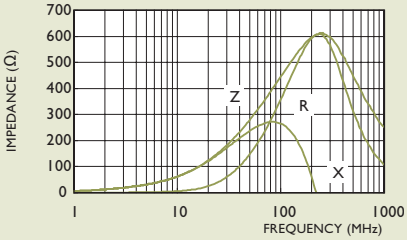

RDC< 0.30Ω Rated Current: 200mA

SBK160808T-301Y-S



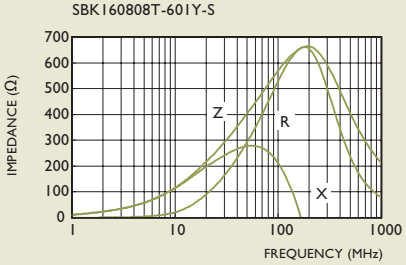

RDC<0.40Ω Rated Current: 200mA

SBK160808T-451Y-S



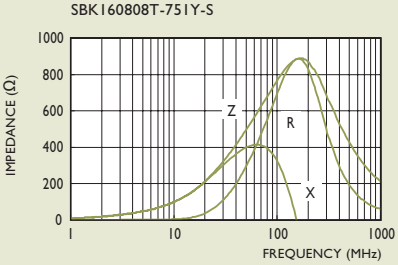

RDC<0.50Ω Rated Current: 200mA

SBK160808T-601Y-S



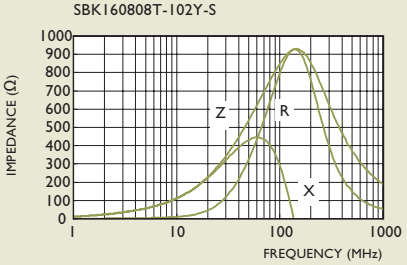

RDC<0.50Ω Rated Current: 200mA

SBK160808T-751Y-S



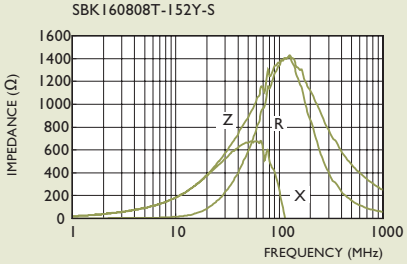

RDC<0.70Ω Rated Current: 200mA

SBK160808T-102Y-S



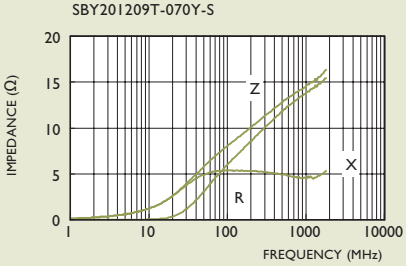

RDC<0.70Ω Rated Current: 200mA

SBK160808T-152Y-S



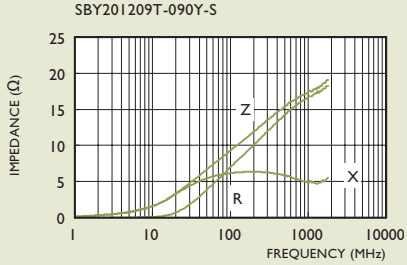

RDC<1.00Ω Rated Current: 50mA

SBY201209T-070Y-S



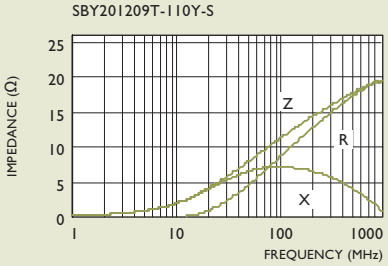

RDC<0.10Ω Rated Current:600mA

SBY201209T-090Y-S



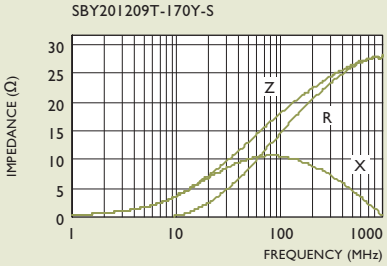

RDC<0.10Ω Rated Current:600mA

SBY201209T-110Y-S



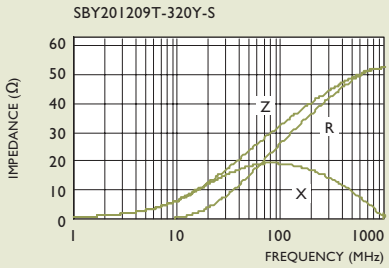

RDC< 0.10Ω Rated Current: 600mA

SBY201209T-170Y-S



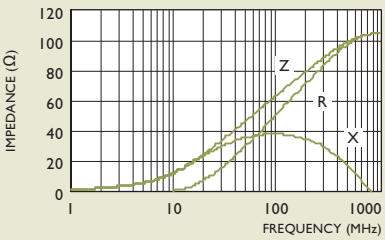

RDC< 0.10Ω Rated Current: 600mA

SBY201209T-320Y-S



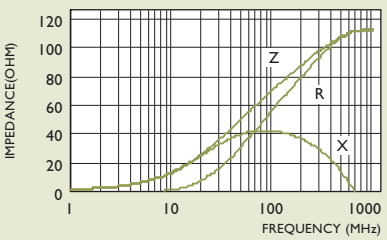

RDC< 0.10Ω Rated Current: 600mA

SBK201209T-600Y-S




RDC< 0.15Ω Rated Current: 500mA

SBK201209T-700Y-S

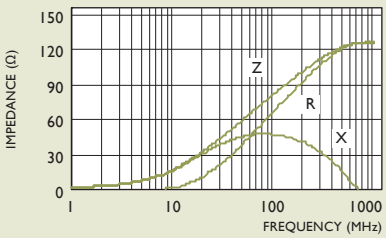



RDC< 0.15Ω Rated Current: 500 mA

## TYPICAL ELECTRICAL CHARACTERISTICS

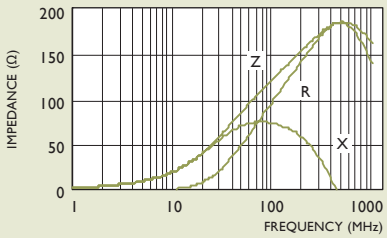
Test Instruments : HP4291A Impedance / Material Analyzer

SBK201209T-800Y-S



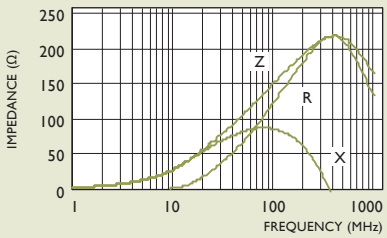

RDC< 0.15Ω Rated Current: 500mA

SBK201209T-121Y-S



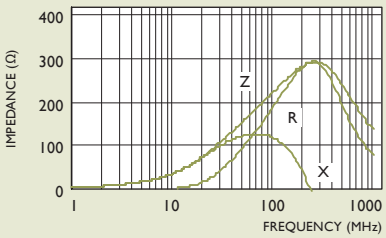

RDC< 0.25Ω Rated Current: 300mA

SBK201209T-151Y-S



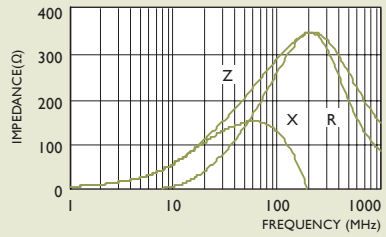

RDC< 0.25Ω Rated Current: 300mA

SBK201209T-221Y-S



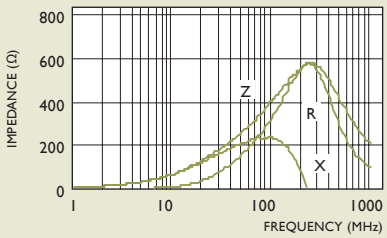

RDC< 0.30 Ω Rated Current: 300mA

SBK201209T-301Y-S



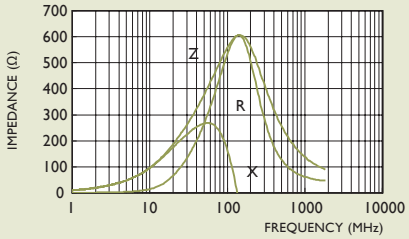

RDC< 0.30 Ω Rated Current: 300mA

SBK201209T-401Y-S



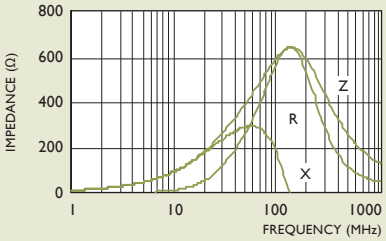

RDC<0.30 Ω Rated Current: 300mA

SBK201209T-501Y-S



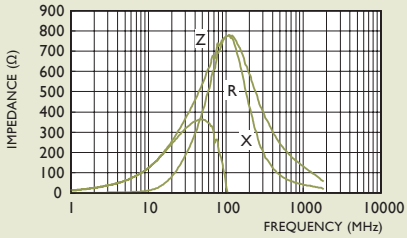

RDC<0.40 Ω Rated Current: 300mA

SBK201209T-601Y-S



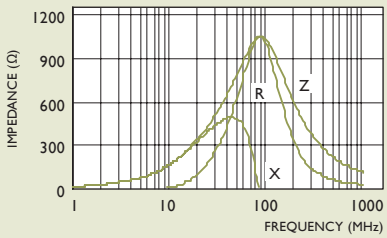

RDC< 0.40 Ω Rated Current: 300mA

SBK201209T-751Y-S



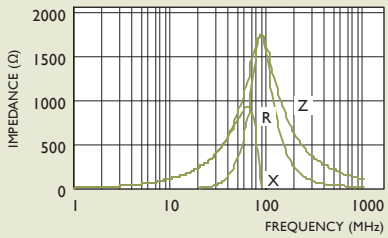

RDC<0.50 Ω Rated Current: 200mA

SBK201209T-102Y-S



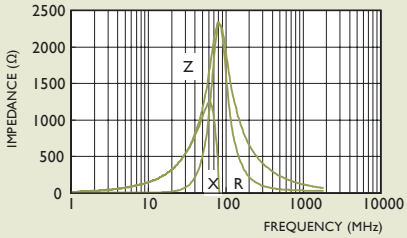

RDC< 0.50Ω Rated Current: 200mA

SBK201209T-152Y-S



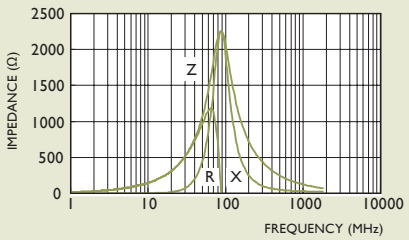

RDC< 0.60Ω Rated Current: 200mA

SBK201209T-202Y-S



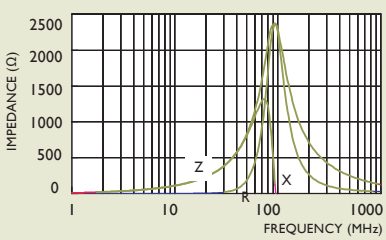

RDC<0.80 Ω Rated Current: 100mA

SBK201209T-222Y-S



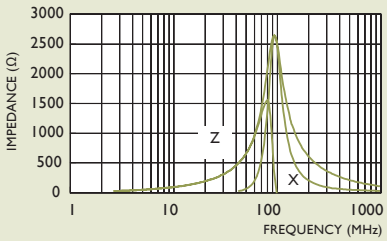

RDC<1.00 Ω Rated Current: 100mA

SBK201209T-252Y-S




RDC< 1.00Ω Rated Current: 600mA

SBK201209T-272Y-S

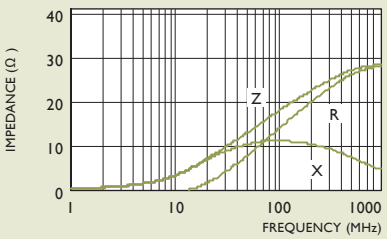



RDC< 1.50 Ω Rated Current: 600mA

## TYPICAL ELECTRICAL CHARACTERISTICS

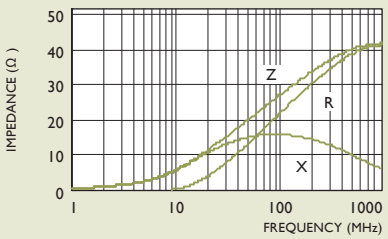
Test Instruments : HP4291A Impedance / Material Analyzer

SBY321611T-190Y-S



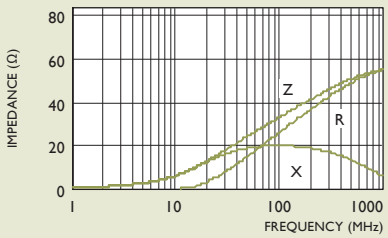

RDC< 0.05Ω Rated Current: 600mA

SBY321611T-260Y-S



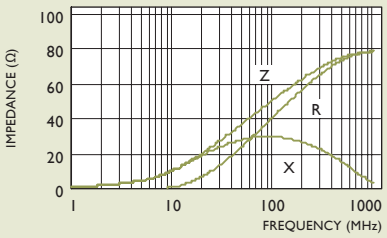

RDC< 0.05Ω Rated Current: 600mA

SBY321611T-320Y-S



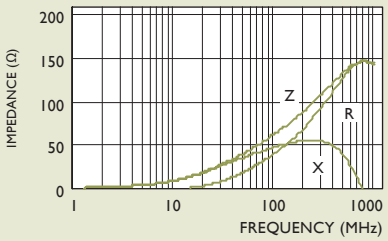

RDC< 0.05Ω Rated Current: 600mA

SBY321611T-500Y-S



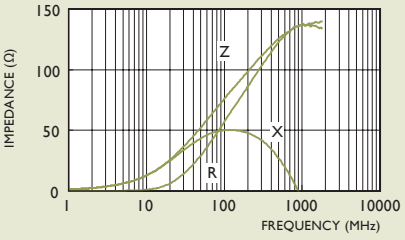

RDC< 0.10 Ω Rated Current: 500mA

SBY321611T-600Y-S



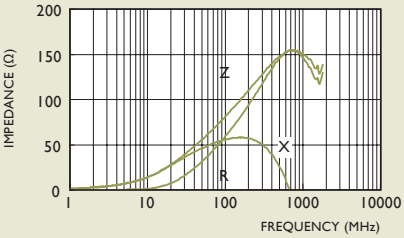

RDC< 0.10Ω Rated Current: 500mA

SBK321611T-700Y-S



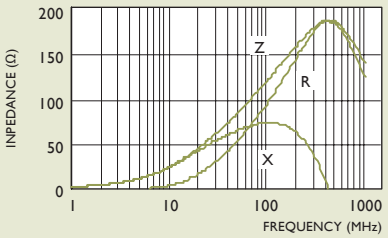

RDC<0.10Ω Rated Current: 500mA

SBK321611T-900Y-S



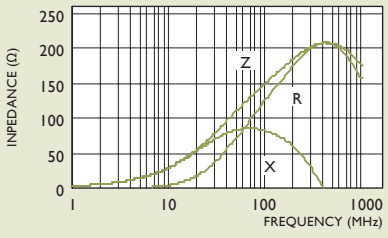

RDC<0.15 Ω Rated Current: 500mA

SBK321611T-121Y-S



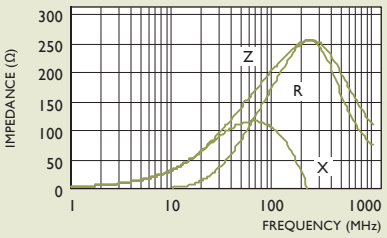

RDC< 0.15Ω Rated Current: 500mA

SBK321611T-151Y-S



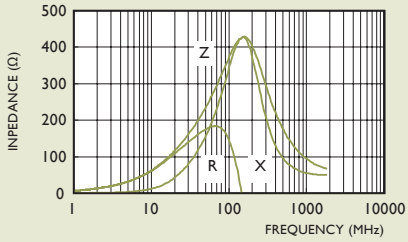

RDC< 0.15Ω Rated Current: 500mA

SBK321611T-201Y-S



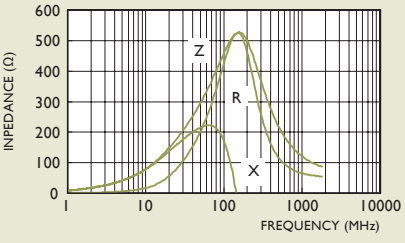

RDC< 0.20Ω Rated Current: 400mA

SBK321611T-401Y-S



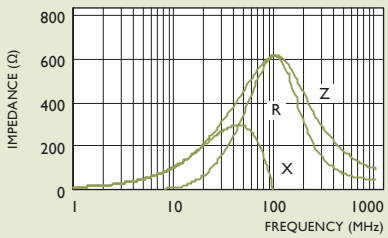

RDC<0.20Ω Rated Current: 400mA

SBK321611T-501Y-S



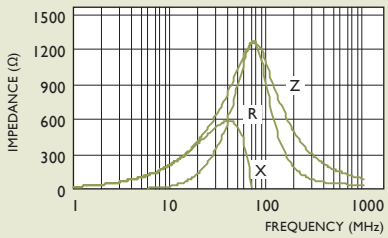

RDC<0.20Ω Rated Current: 400mA

SBK321611T-601Y-S



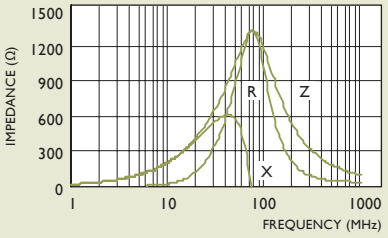

RDC<0.30Ω Rated Current: 400mA

SBK321611T-102Y-S




RDC< 0.40Ω Rated Current: 200mA

SBK321611T-122Y-S

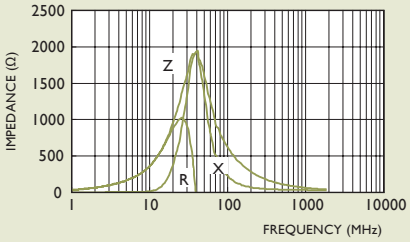



RDC< 0.40Ω Rated Current: 200mA

## TYPICAL ELECTRICAL CHARACTERISTICS

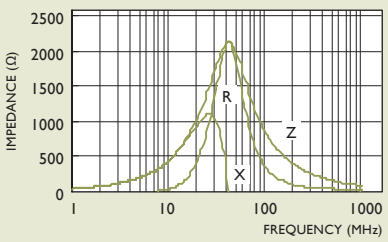
Test Instruments : HP4291A Impedance / Material Analyzer

SBK321611T-152Y-S



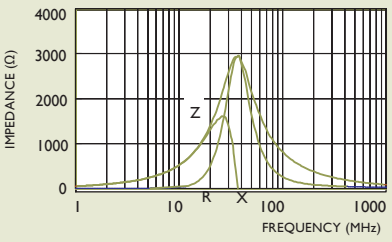

RDC<0.45Ω Rated Current: 200mA

SBK321611T-202Y-S



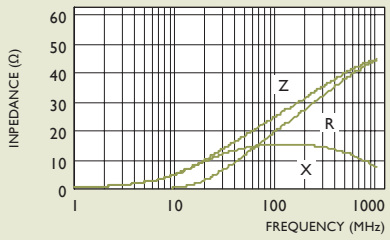

RDC< 0.60Ω Rated Current: 200mA

SBK321611T-272Y-S



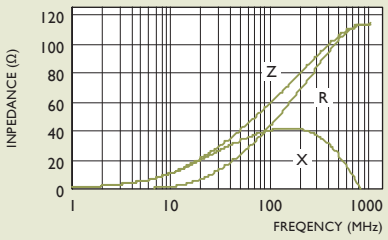

RDC<0.60Ω Rated Current: 200mA

SBY321616T-250Y-S



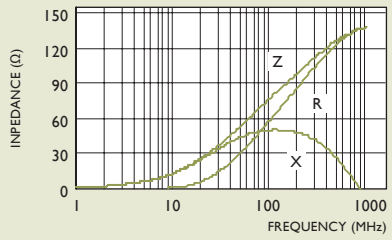

RDC< 0.10Ω Rated Current: 500mA

SBY321616T-600Y-S



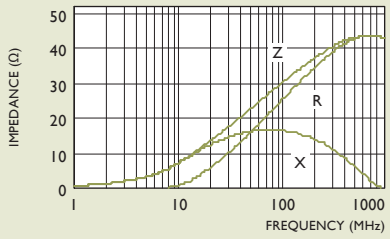

RDC< 0.20Ω Rate Current: 500mA

SBK321616T-700Y-S



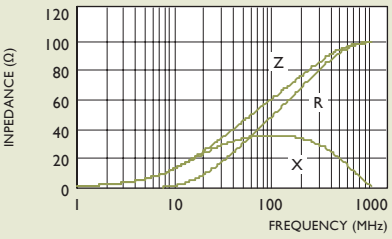

RDC< 0.20Ω Rated Current: 500mA

SBY322513T-320Y-S



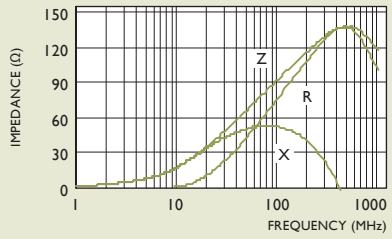

RDC< 0.2Ω Rated Current: 500mA

SBY322513T-600Y-S



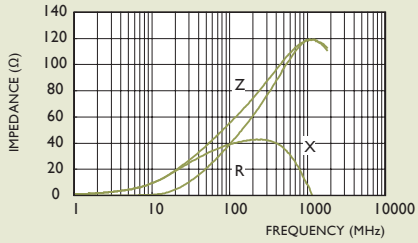

RDC< 0.2Ω Rated Current: 500mA

SBY322513T-900Y-S



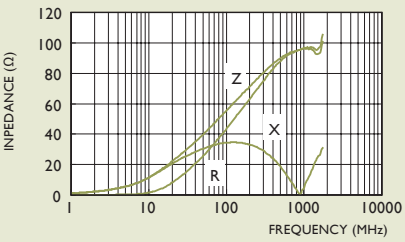

RDC< 0.2Ω Rated Current: 500mA

SBY451616T-500Y-S



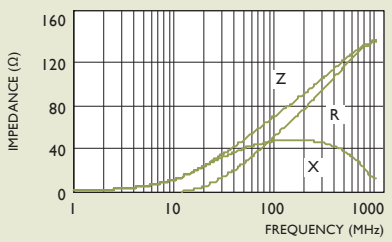

RDC<0.20Ω Rated Current: 600mA

SBY451616T-600Y-S



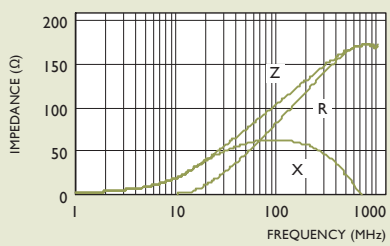

RDC<0.20Ω Rated Current: 600mA

SBY451616T-800Y-S



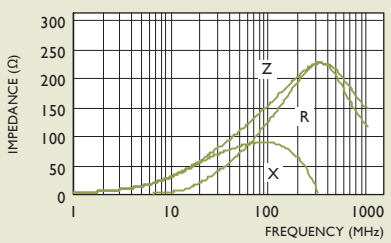

RDC< 0.20Ω Rated Current: 600mA

SBY451616T-101Y-S



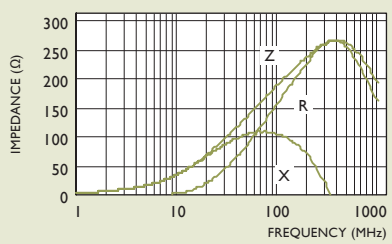

RDC< 0.3Ω Rated Current: 500mA

SBK451616T-151Y-S




RDC< 0.3Ω Rated Current: 500mA

SBK451616T-171Y-S

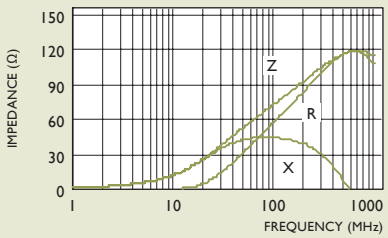



RDC<0.30Ω Rated Current: 500mA

## TYPICAL ELECTRICAL CHARACTERISTICS

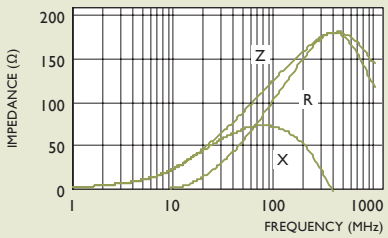
Test Instruments : HP4291A Impedance / Material Analyzer

SBY453215T-700Y-S



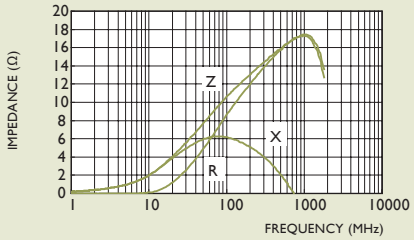

RDC< 0.3Ω Rated Current: 500mA

SBY453215T-121Y-S



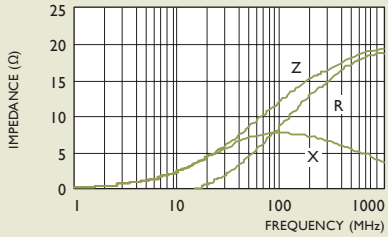

RDC<0.3Ω Rated Current: 500mA

PBY100505T-100Y-S



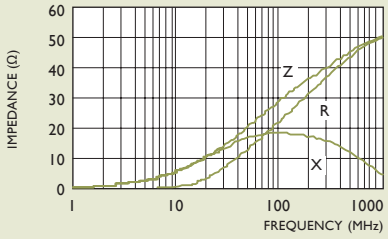

RDC<0.03Ω Rated Current: 1000mA

PBY160808T-110Y-S



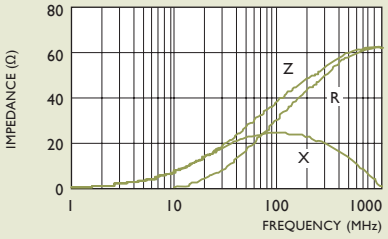

RDC<0.020Ω Rated Current: 4000mA

PBY160808T-250Y-S



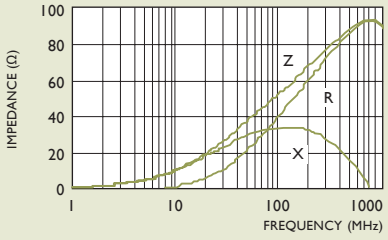

RDC< 0.03Ω Rated Current: 3000mA

PBY160808T-400Y-S



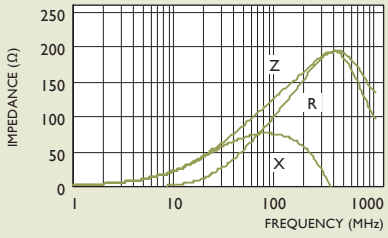

RDC< 0.035Ω Rated Current: 3000mA

PBY160808T-600Y-S



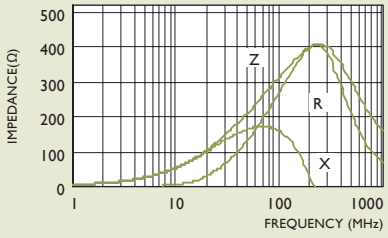

RDC< 0.04Ω Rated Current: 3000mA

PBY160808T-121Y-S



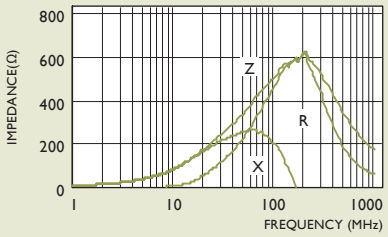

RDC< 0.08Ω Rated Current: 2500mA

PBY160808T-301Y-S



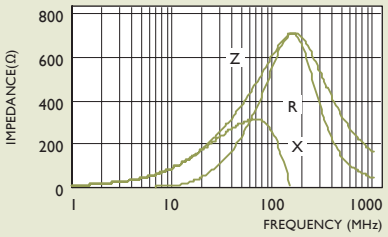

RDC< 0.10Ω Rated Current: 2000mA

PBY160808T-501Y-S



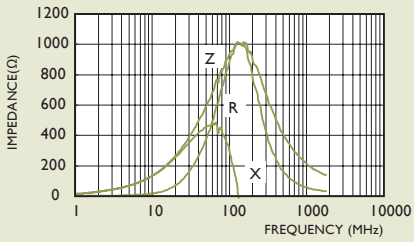

RDC< 0.15Ω Rated Current: 1500mA

PBY160808T-601Y-S



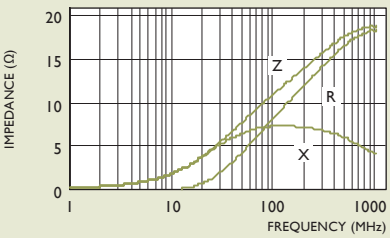

RDC< 0.20Ω Rated Current: 1000mA

PBY160808T-102Y-S



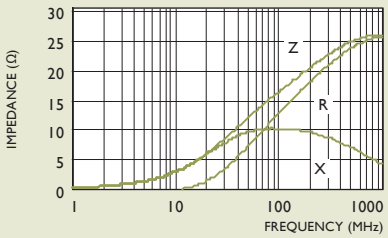

RDC<0.25Ω Rated Current: 800mA

PBY201209T-110Y-S



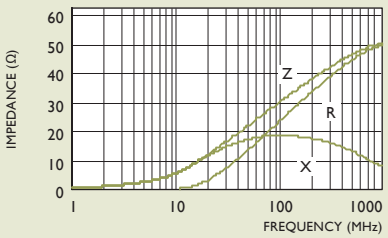

RDC<0.01Ω Rated Current: 6000mA

PBY201209T-170Y-S




RDC<0.02Ω Rated Current: 5000mA

PBY201209T-300Y-S

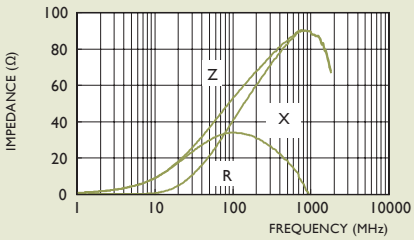



RDC<0.15Ω Rated Current: 4000mA

## TYPICAL ELECTRICAL CHARACTERISTICS

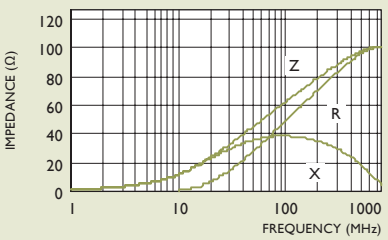
Test Instruments : HP4291A Impedance / Material Analyzer

PBY201209T-500Y-S



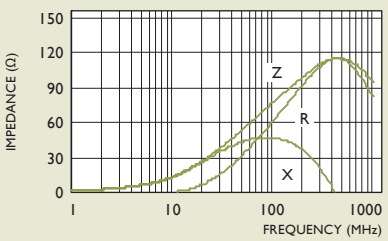

RDC<0.025 Rated Current: 3000mA

PBY201209T-600Y-S



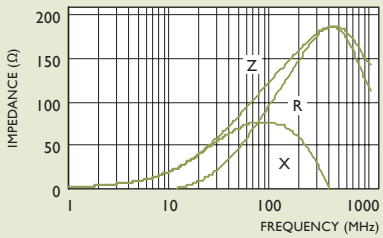

RDC< 0.03 Rated Current: 3000mA

PBY201209T-800Y-S



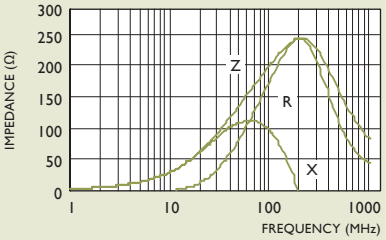

RDC< 0.04 Rated Current: 3000mA

PBY201209T-121Y-S



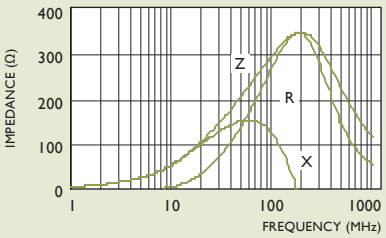

RDC< 0.04Ω Rated Current: 3000mA

PBY201209T-201Y-S



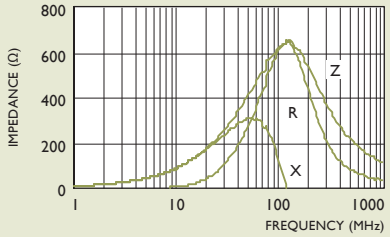

RDC< 0.05Ω Rated Current: 2500mA

PBY201209T-301Y-S



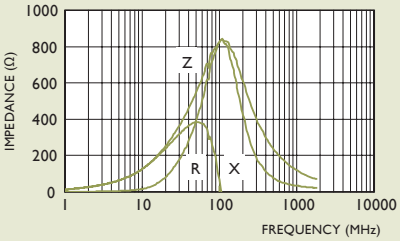

RDC<0.08 Ω Rated Current: 2000mA

PBY201209T-601Y-S



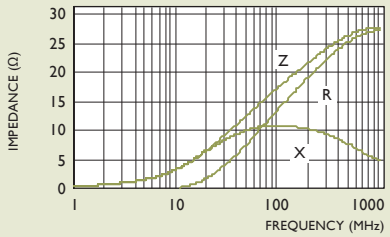

RDC< 0.10Ω Rated Current: 2000mA

PBY201209T-102Y-S



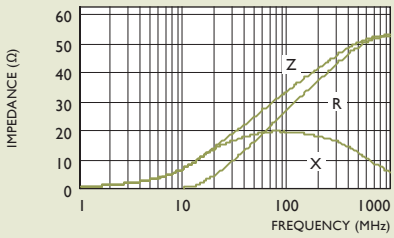

RDC<0.12Ω Rated Current: 1500mA

PBY321611T-190Y-S



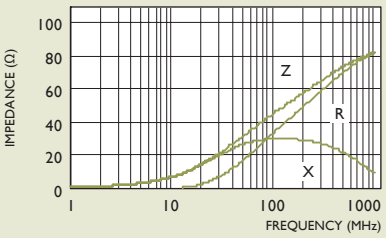

RDC< 0.015Ω Rated Current: 6000mA

PBY321611T-320Y-S



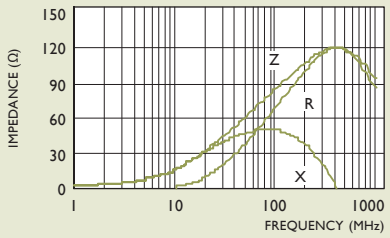

RDC< 0.015Ω Rated Current: 4000mA

PBY321611T-500Y-S



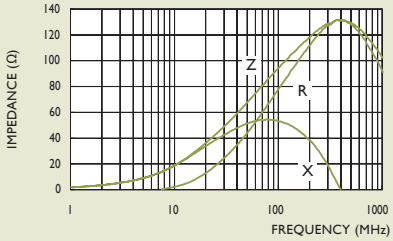

RDC< 0.02Ω Rated Current: 4000mA

PBY321611T-800Y-S



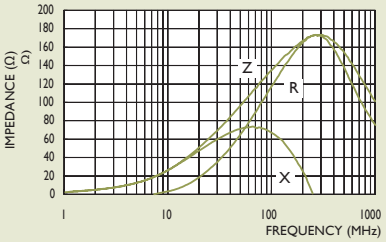

RDC< 0.025Ω Rated Current: 3000mA

PBY321611T-101Y-S



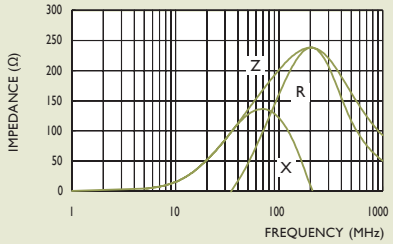

RDC< 0.03Ω Rated Current: 4000mA

PBY321611T-121Y-S




RDC< 0.03Ω Rated Current: 4000mA

PBY321611T-221Y-S

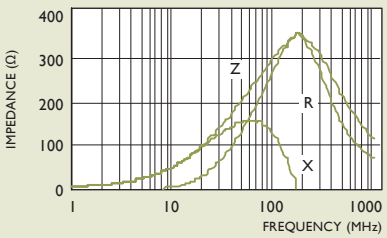



RDC< 0.05Ω Rated Current: 3000mA

## TYPICAL ELECTRICAL CHARACTERISTICS

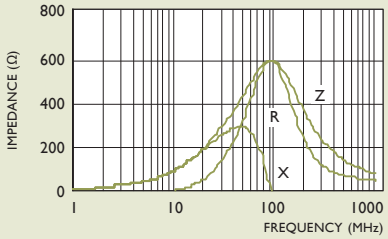
Test Instruments : HP4291A Impedance / Material Analyzer

PBY321611T-301Y-S



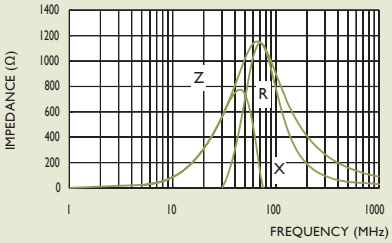

RDC< 0.06Ω Rated Current: 2000mA

PBY321611T-601Y-S



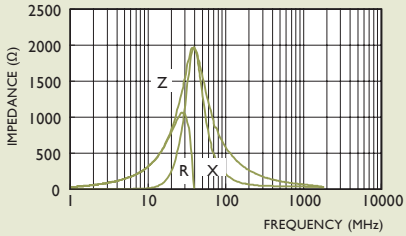

RDC< 0.10Ω Rated Current: 1800mA

PBY321611T-102Y-S



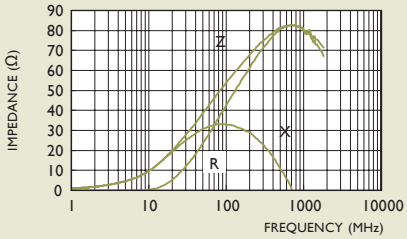

RDC< 0.150Ω Rated Current: 1200mA

PBY321611T-152Y-S



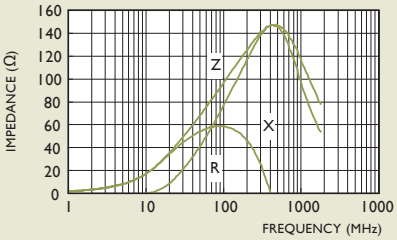

RDC<0.020Ω Rated Current: 800mA

PBY322513T-600Y-S



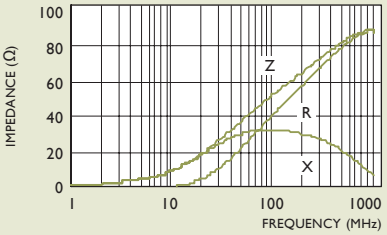

RDC<0.025 Ω Rated Current: 4000mA

PBY322513T-900Y-S



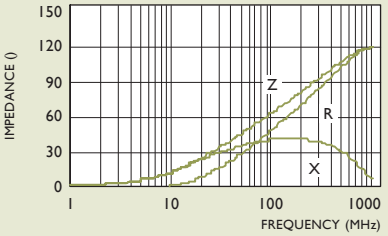

RDC<0.025Ω Rated Current: 3000mA

PBY451616T-500Y-S



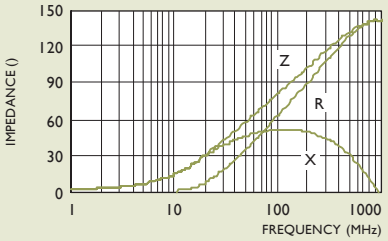

RDC: 0.02Ω Rated Current: 6000mA

PBY451616T-600Y-S



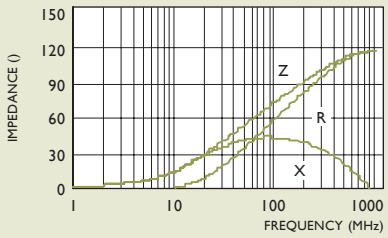

RDC< 0.02 Rated Current: 5000mA

PBY451616T-800Y-S



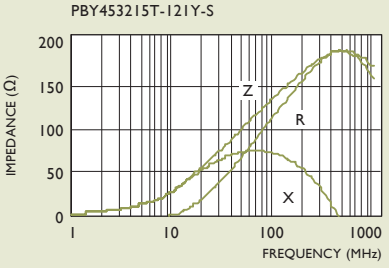

RDC< 0.025 Rated Current: 4000mA

PBY453215T-700Y-S



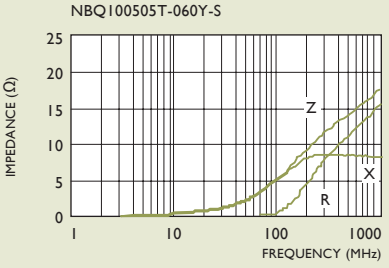

RDC< 0.03 Rated Current: 6000mA

PBY453215T-121Y-S



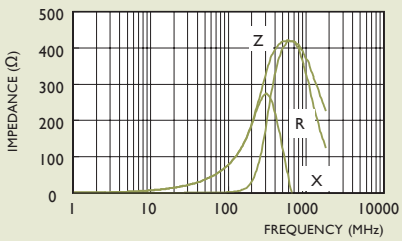

RDC< 0.03Ω Rated Current: 4000mA

NBQ100505T-060Y-S



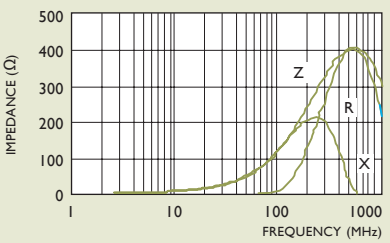

RDC< 0.10Ω Rated Current: 300mA

NBQ100505T-800Y-S



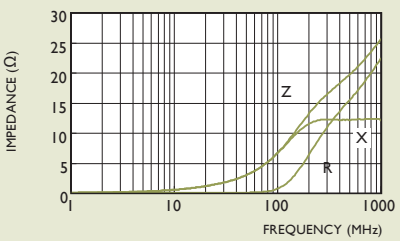

RDC<0.60Ω Rated Current: 100mA

NBQ100505T-121Y-S




RDC< 0.8Ω Rated Current: 50mA

NBQ160808T-060Y-S

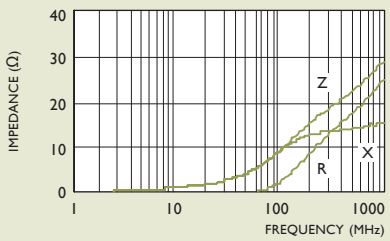



RDC<0.05Ω Rated Current: 500mA

## TYPICAL ELECTRICAL CHARACTERISTICS

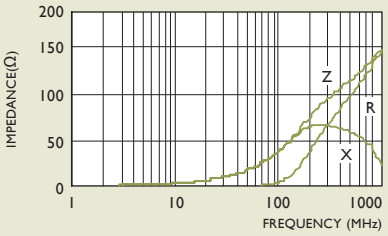
Test Instruments : HP4291A Impedance / Material Analyzer

NBQ160808T-100Y-S



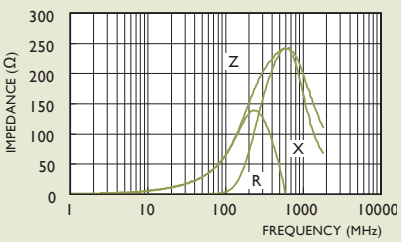

RDC< 0.07Ω Rated Current: 400mA

NBQ160808T-400Y-S



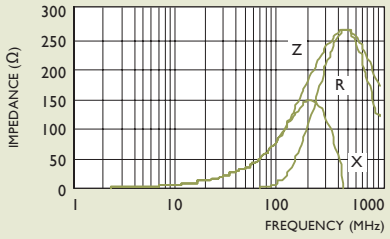

RDC< 0.2Ω Rate Current: 300mA

NBQ160808T-600Y-S



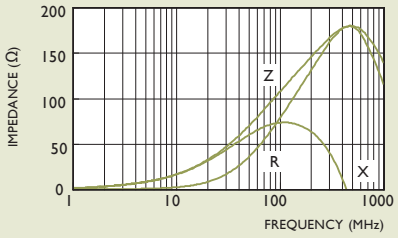

RDC<0.25Ω Rated Current: 300mA

NBQ160808T-800Y-S



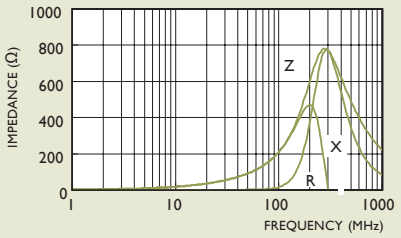

RDC< 0.25Ω Rated Current: 300mA

NBQ160808T-121Y-S



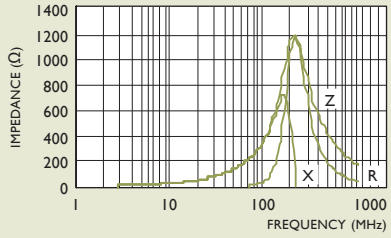

RDC<0.30Ω Rated Current: 300mA

NBQ160808T-241Y-S



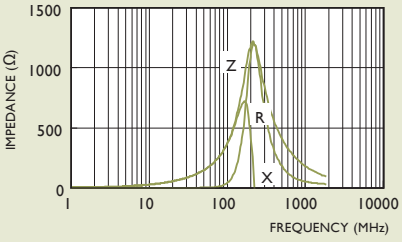

RDC< 0.35Ω Rated Current: 200mA

NBQ160808T-301Y-S



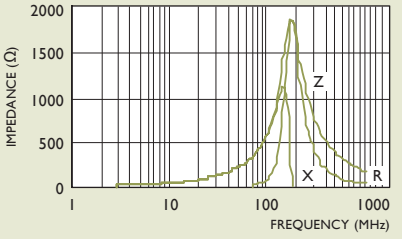

RDC< 0.4Ω Rated Current: 200mA

NBQ160808T-481Y-S



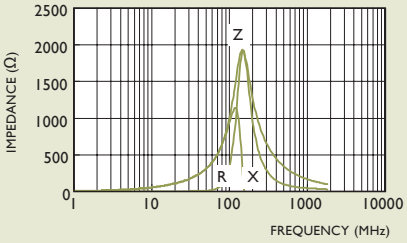

RDC<0.50Ω Rated Current: 200mA

NBQ160808T-601Y-S



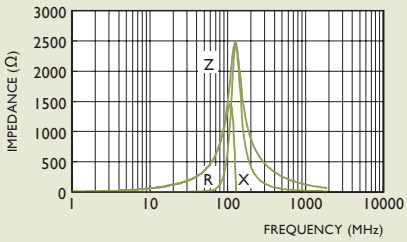

RDC< 0.5Ω Rated Current: 200mA

NBQ160808T-102Y-S



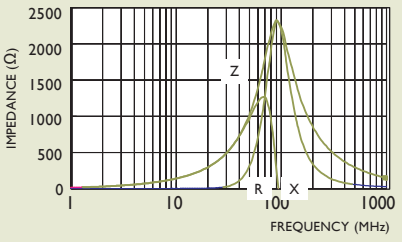

RDC<0.6Ω Rated Current: 100mA

NBQ160808T-122Y-S



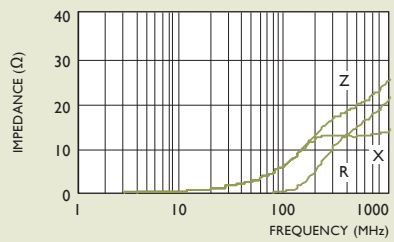

RDC<0.60Ω Rated Current: 100mA

NBQ160808T-252Y-S



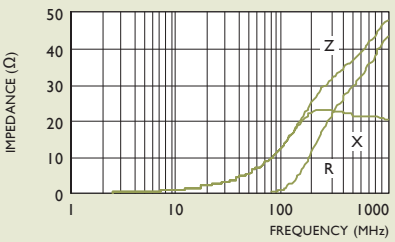

RDC< 0.10Ω Rated Current: 50mA

NBQ201209T-060Y-S



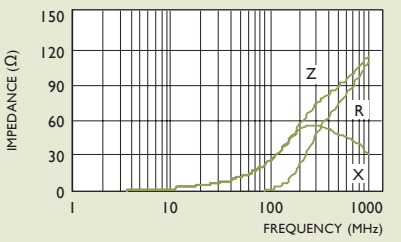

RDC< 0.07Ω Rated Current: 800mA

NBQ201209T-110Y-S




RDC< 0.1Ω Rated Current: 700mA

NBQ201209T-260Y-S

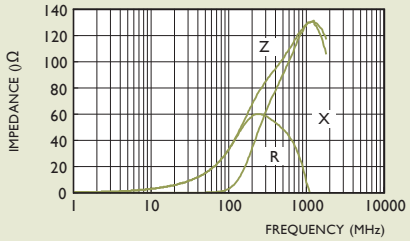



RDC< 0.15 Ω Rated Current: 600mA

## TYPICAL ELECTRICAL CHARACTERISTICS

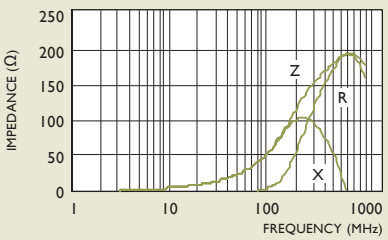
Test Instruments : HP4291A Impedance / Material Analyzer

NBQ201209T-320Y-S



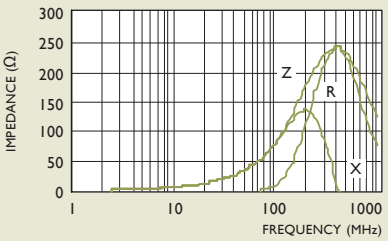

RDC<0.15Ω Rated Current: 600mA

NBQ201209T-600Y-S



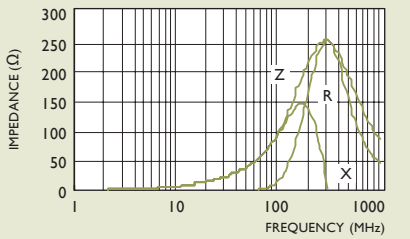

RDC< 0.15Ω Rated Current: 500mA

NBQ201209T-750Y-S



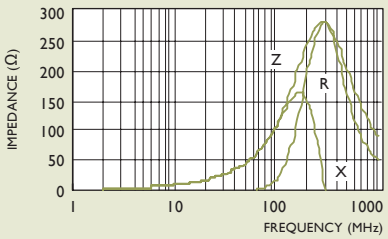

RDC< 0.15Ω Rated Current: 500mA

NBQ201209T-900Y-S



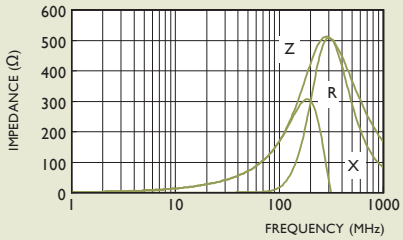

RDC< 0.15Ω Rated Current: 500mA

NBQ201209T-121Y-S



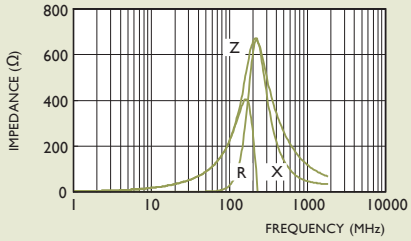

RDC< 0.2Ω Rated Current: 400mA

NBQ201209T-171Y-S



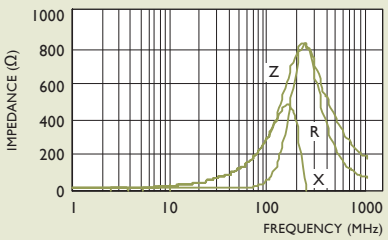

RDC<0.3Ω Rated Current: 400mA

NBQ201209T-221Y-S



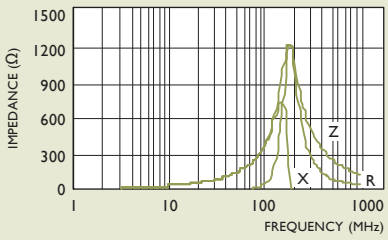

RDC<0.3Ω Rated Current: 300mA

NBQ201209T-301Y-S



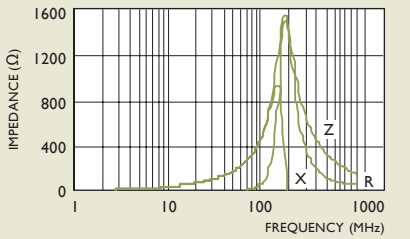

RDC< 0.3Ω Rated Current: 300mA

NBQ201209T-401Y-S



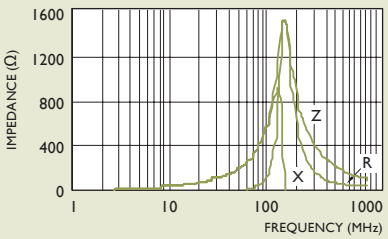

RDC< 0.35Ω Rated Current: 300mA

NBQ201209T-501Y-S



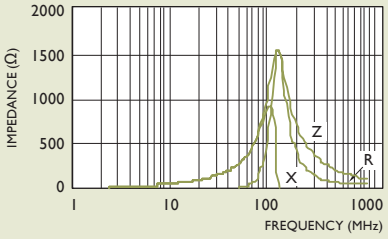

RDC< 0.35Ω Rated Current: 200mA

NBQ201209T-601Y-S



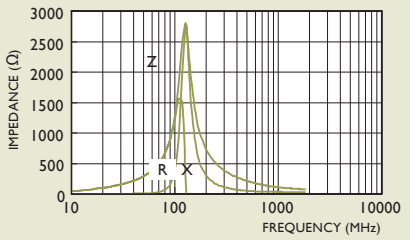

RDC< 0.5Ω Rated Current: 200mA

NBQ201209T-102Y-S



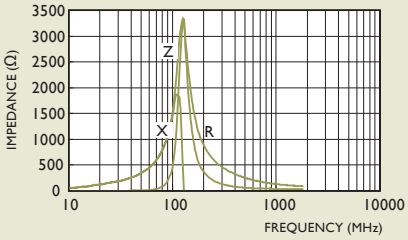

RDC< 0.4Ω Rated Current:200mA

NBQ201209T-122Y-S



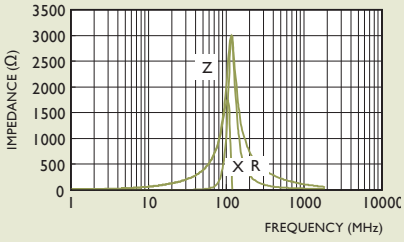

RDC< 0.45Ω Rated Current:200mA

NBQ201209T-152Y-S




RDC<0.45Ω Rated Current: 200mA

NBQ201209T-222Y-S

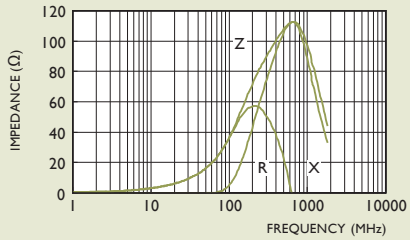



RDC<0.5Ω Rated Current:200mA

## TYPICAL ELECTRICAL CHARACTERISTICS

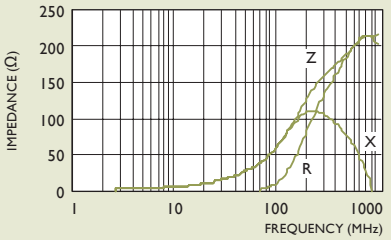
Test Instruments : HP4291A Impedance / Material Analyzer

NBQ3216I1Y-320Y-S



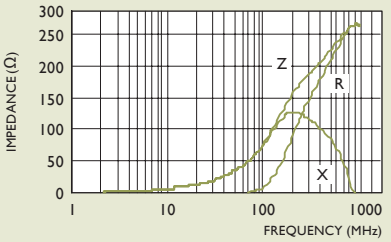

RDC<0.15Ω Rated Current: 600mA

NBQ3216I1Y-600Y-S



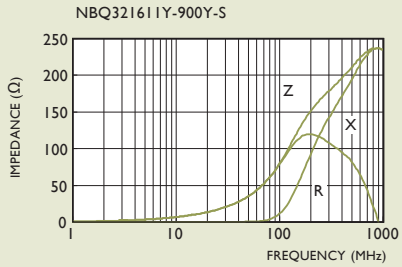

RDC< 0.15Ω Rated Current: 500mA

NBQ3216I1T-800Y-S



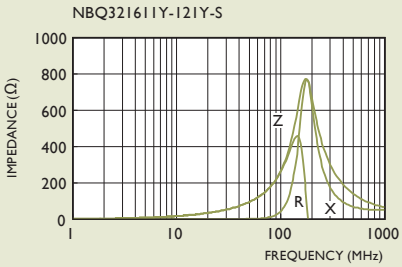

RDC< 0.15Ω Rated Current: 500mA

NBQ3216I1Y-900Y-S



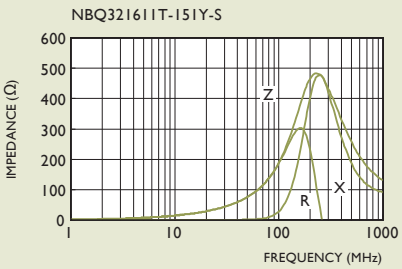

RDC<0.15Ω Rated Current: 500mA

NBQ3216I1Y-12IY-S



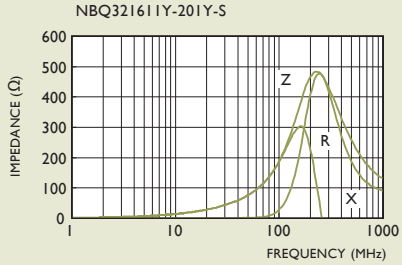

RDC<0.25Ω Rated Current: 400mA

NBQ3216I1T-151Y-S



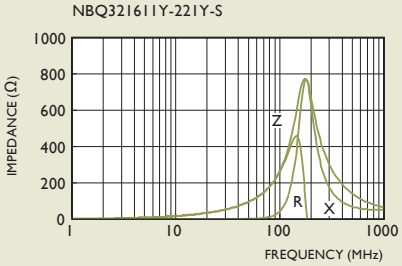

RDC<0.20Ω Rated Current: 400mA

NBQ3216I1Y-201Y-S



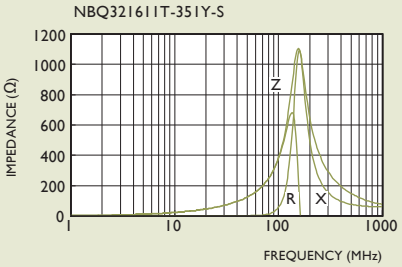

RDC<0.25Ω Rated Current: 300mA

NBQ3216I1Y-221Y-S



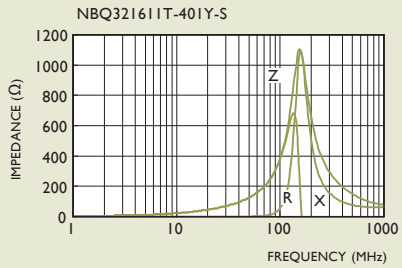

RDC<0.30Ω Rated Current: 300mA

NBQ3216I1T-351Y-S



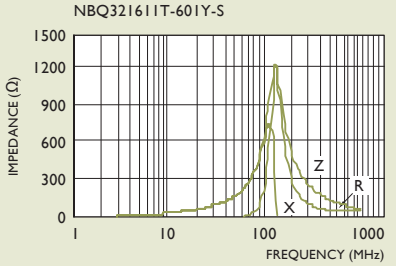

RDC<0.30Ω Rated Current: 300mA

NBQ3216I1T-401Y-S



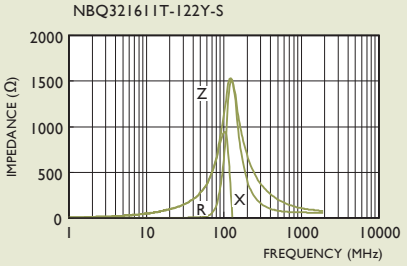

RDC<0.30Ω Rated Current: 300mA

NBQ3216I1T-601Y-S



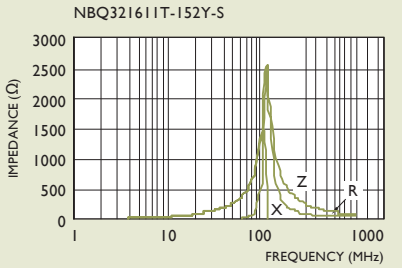

RDC< 0.35Ω Rated Current: 300mA

NBQ3216I1T-122Y-S



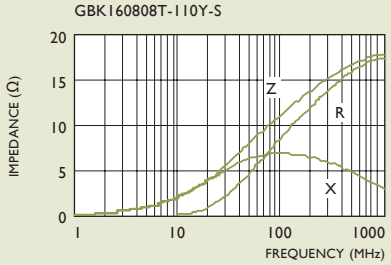

RDC<0.4Ω Rated Current: 200mA

NBQ3216I1T-152Y-S



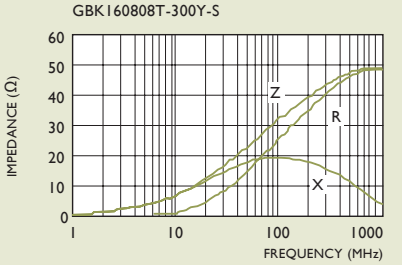

RDC< 0.45Ω Rated Current: 200mA

GBK160808T-110Y-S




RDC< 0.03Ω Rated Current: 1000mA

GBK160808T-300Y-S

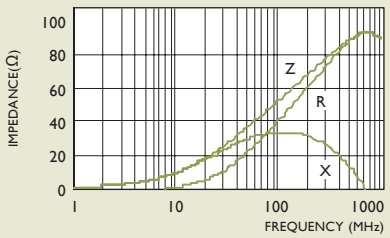



RDC< 0.06Ω Rated Current: 800mA

## TYPICAL ELECTRICAL CHARACTERISTICS

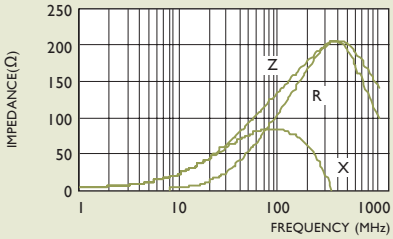
Test Instruments : HP4291A Impedance / Material Analyzer

GBK160808T-600Y-S



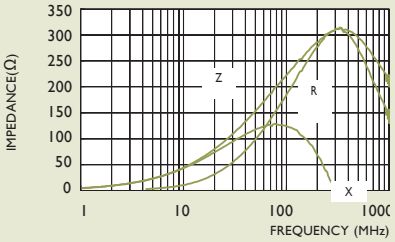

RDC< 0.06Ω Rated Current: 600mA

GBK160808T-121Y-S



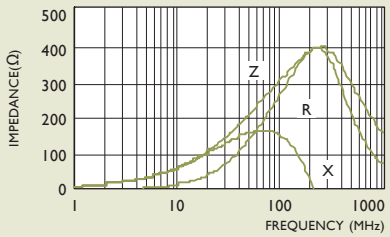

RDC< 0.15Ω Rated Current: 600mA

GBK160808T-221Y-S



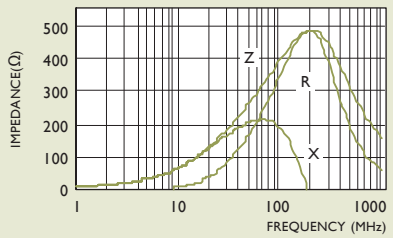

RDC< 0.18Ω Rated Current: 400mA

GBK160808T-301Y-S



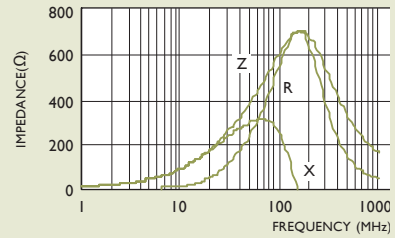

RDC< 0.25Ω Rated Current: 400mA

GBK160808T-451Y-S



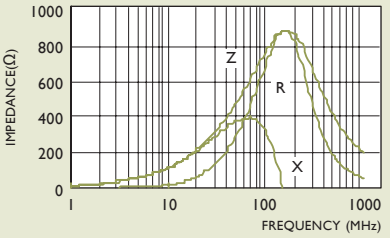

RDC< 0.3Ω Rated Current: 400mA

GBK160808T-601Y-S



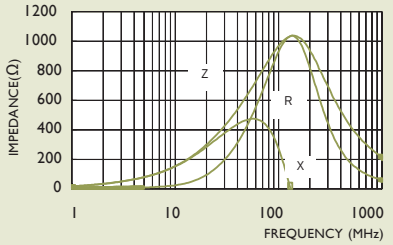

RDC< 0.30Ω Rated Current: 400mA

GBK160808Y-751Y-S



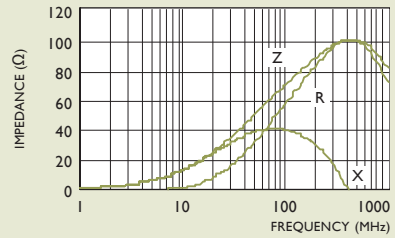

RDC< 0.45Ω Rated Current: 300mA

GBK160808T-102Y-S



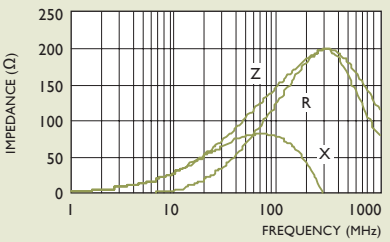

RDC< 0.15Ω Rated Current: 600mA

GBK201209T-700Y-S



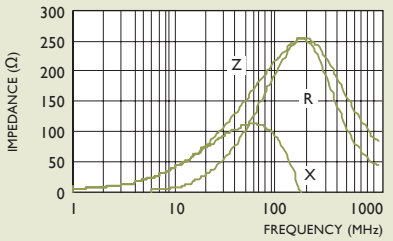

RDC< 0.10Ω Rated Current: 800mA

GBK201209T-151Y-S



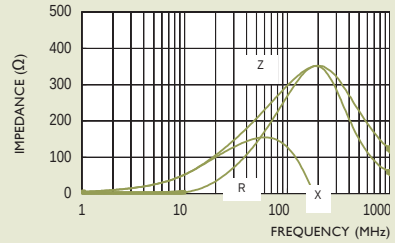

RDC< 0.15Ω Rated Current: 600mA

GBK201209T-221Y-S



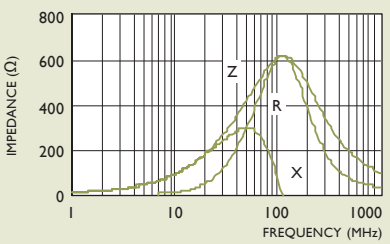

RDC< 0.18Ω Rated Current: 600mA

GBK201209T-301Y-S



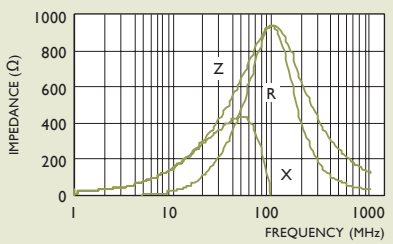

RDC< 0.18Ω Rated Current: 600mA

GBK201209T-601Y-S



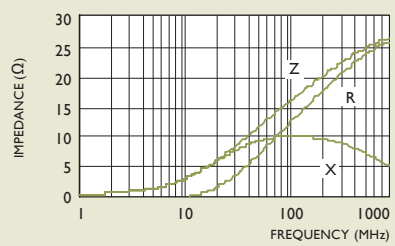

RDC< 0.25Ω Rated Current: 500mA

GBK201209T-102Y-S




RDC< 0.30Ω Rated Current: 400mA

GBY321611T-190Y-S

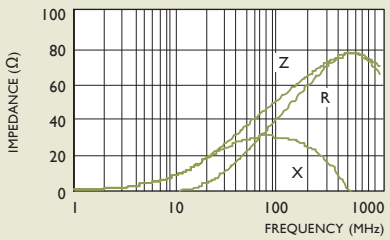



RDC< 0.03Ω Rated Current: 1000mA

## TYPICAL ELECTRICAL CHARACTERISTICS

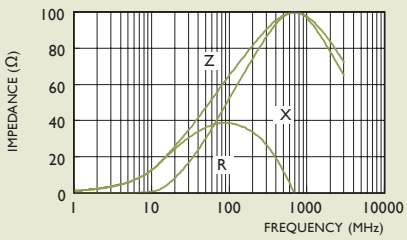
Test Instruments : HP4291A Impedance / Material Analyzer

GBY321611T-500Y-S



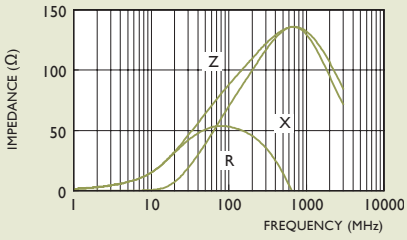

RDC< 0.06Ω Rated current: 800mA

GBY321611T-700Y-S



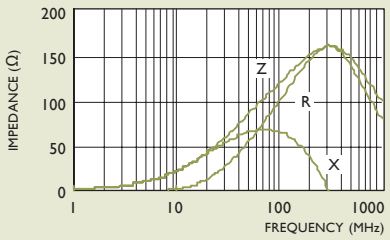

RDC< 0.06Ω Rated current: 800mA

GBY321611T-900Y-S



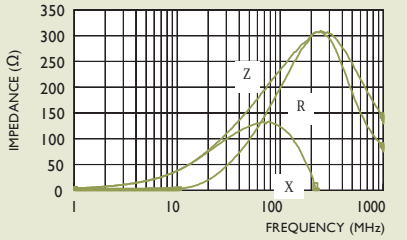

RDC< 0.10Ω Rated current: 800mA

GBK321611T-121Y-S



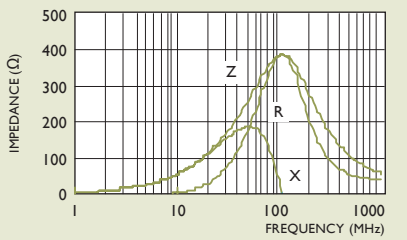

RDC< 0.10 Rated Current: 800mA

GBK321611T-201Y-S



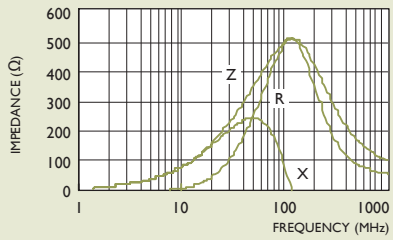

RDC< 0.15Ω Rated Current: 500mA

GBK321611T-401Y-S



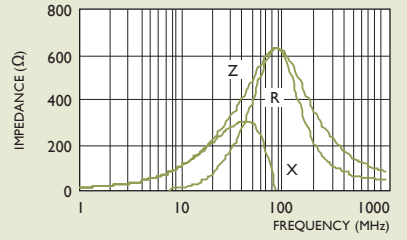

RDC< 0.15Ω Rated Current: 600mA

GBK321611T-501Y-S



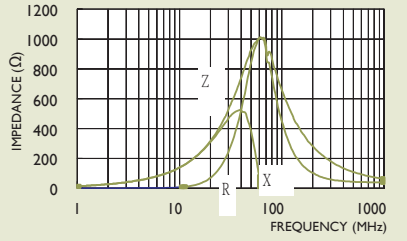

RDC< 0.15Ω Rated Current: 600mA

GBK321611T-601Y-S



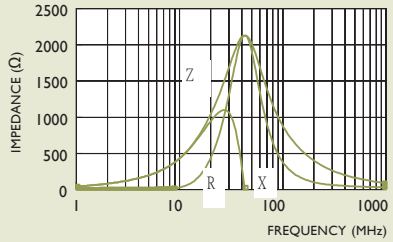

RDC< 0.20Ω Rated Current: 500mA

GBK321611T-102Y-S



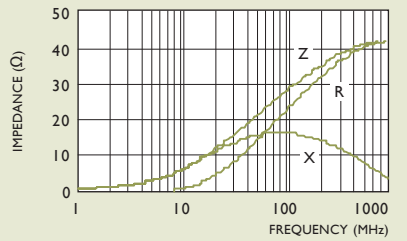

RDC< 0.25Ω Rated Current: 400mA

GBY321616T-202Y-S



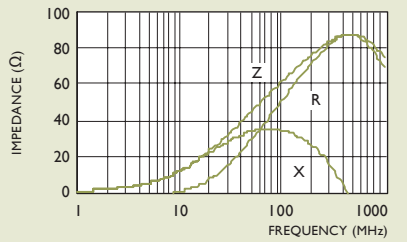

RDC< 0.35Ω Rated Current: 400mA

GBY321616T-250Y-S



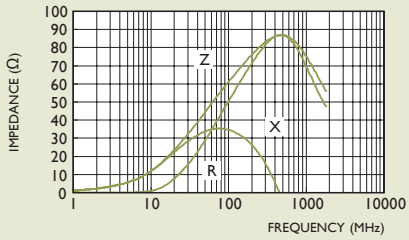

RDC< 0.10Ω Rated Current: 1000mA

GBY321616T-600Y-S



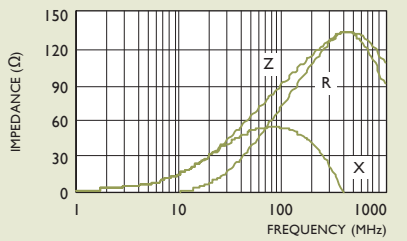

RDC< 0.10Ω Rated Current: 1000mA

GBY322513T-600Y-S



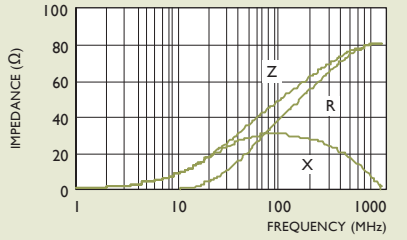

RDC< 0.10Ω Rated Current: 1000mA

GBY322513T-900Y-S




RDC< 0.10Ω Rated Current: 1000mA

GBY451616T-500Y-S

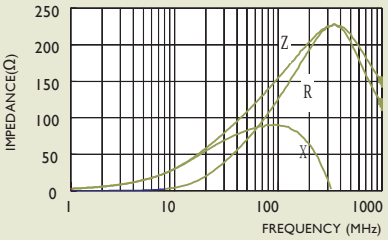



RDC< 0.10Ω Rated Current: 1000mA

## TYPICAL ELECTRICAL CHARACTERISTICS

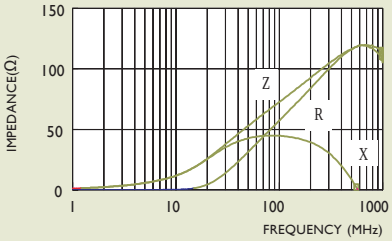
Test Instruments : HP4291A Impedance / Material Analyzer

GBK451616T-151Y-S



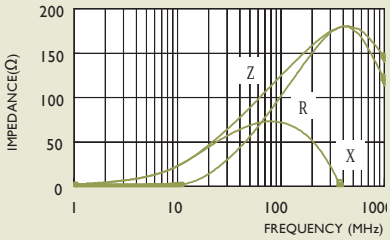

RDC< 0.18Ω Rated Current: 800mA

GBY453215T-700Y-S



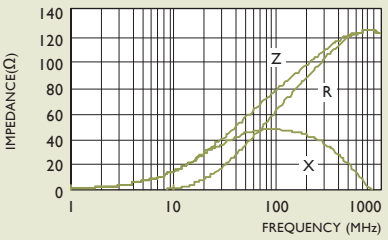

RDC< 0.18Ω Rated Current: 800mA

GBY453215T-121Y-S



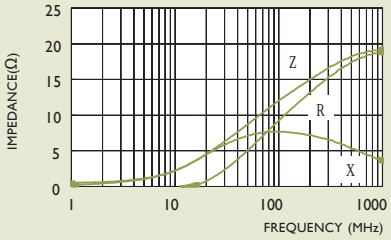

RDC< 0.18Ω Rated Current: 800mA

GBY451616T-800Y-S



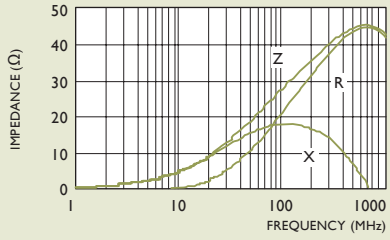

RDC< 0.10Ω Rated Current: 1000mA

UPB160808T-110Y-S



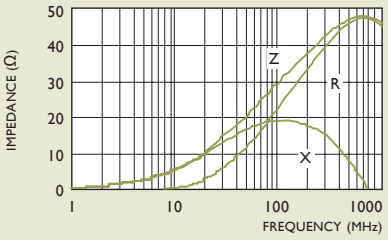

RDC< 0.015Ω Rated Current: 800mA

UPB160808T-250Y-S



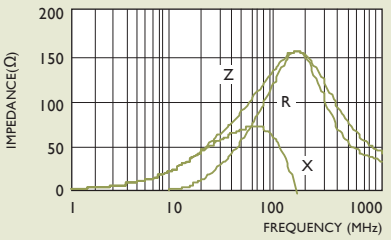

RDC< 0.015Ω Rated Current: 4500mA

UPB160808T-300Y-S



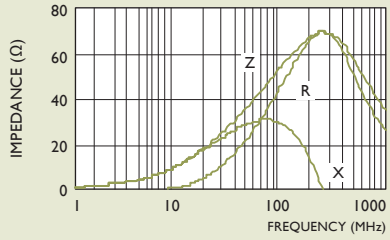

RDC< 0.015Ω Rated Current: 4500mA

UPB201209T-400Y-S



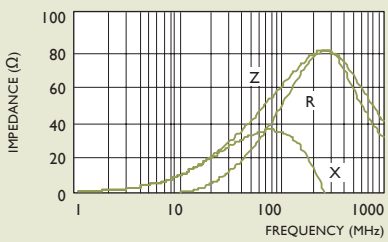

RDC< 0.015Ω Rated Current: 5000mA

UPB201209T-500Y-S



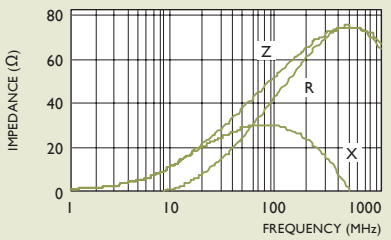

RDC< 0.015Ω Rated Current: 5000mA

UPB201209T-600Y-S



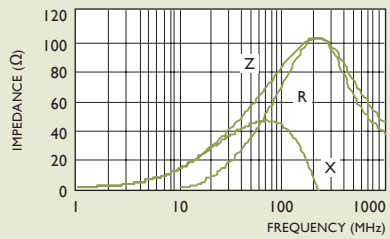

RDC< 0.02Ω Rated Current: 4500mA

UPB321611T-600Y-S



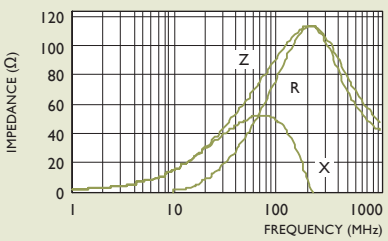

RDC< 0.02Ω Rated Current: 6000mA

UPB321611T-800Y-S



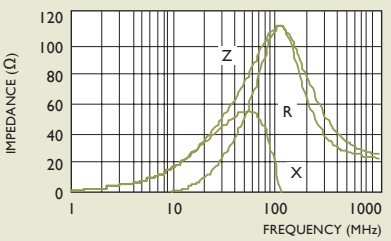

RDC< 0.012Ω Rated Current: 6000mA

UPB321611T-101Y-S



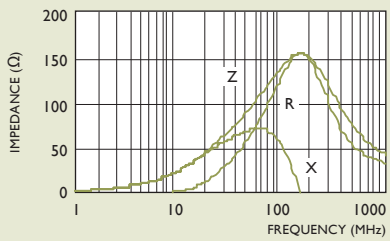

RDC< 0.012Ω Rated Current: 6000mA

UPB321611T-121Y-S




RDC< 0.012Ω Rated Current: 6000mA

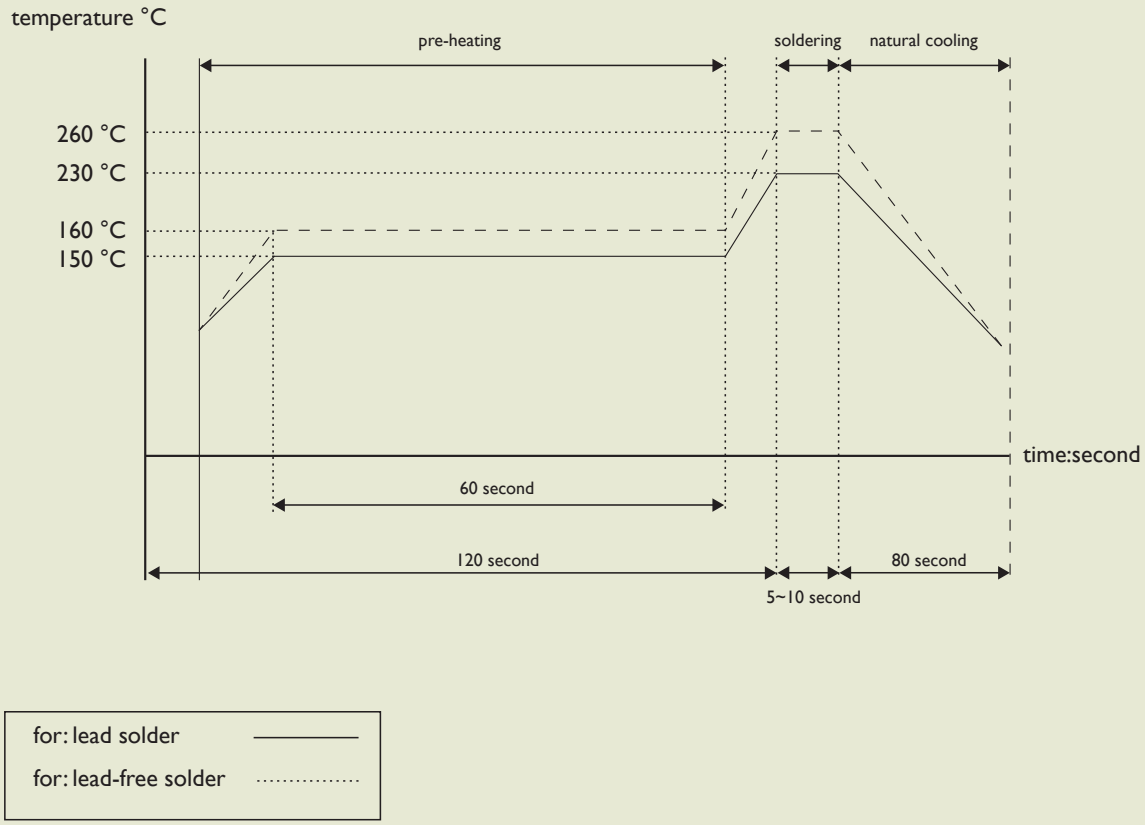
UPB321611T-151Y-S




RDC< 0.02Ω Rated Current: 4500mA

## RECOMMEND SOLDERING CONDITIONS

for:CL/ CLH/ SQV/ SMD power inductors/ SMD Chip Beads/ SMD Filters,Transformers, Current Sensors




for: lead solder

for: lead-free solder

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Yageo:
SBY100505T-100Y-N SBK201209T-600Y-N GBK160808T-221Y-N PBY160808T-301Y-N PBY160808T-601Y-N SBK201209T-102Y-N PBY160808T-121Y-N