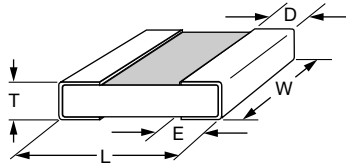
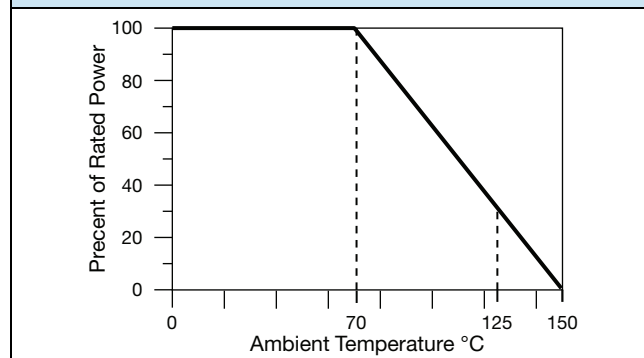


**DIMENSIONS** in inches


CASE SIZE	TERM	L	W	T	D	E
0603	B, S	0.064 ± 0.006	0.032 ± 0.005	0.020 max.	0.012 ± 0.005	0.015 ± 0.005
0805	B, S	0.080 ± 0.006	0.050 ± 0.005	0.015 to 0.033	0.016 ± 0.008	0.015 ± 0.005
1206	B, S	0.126 ± 0.008	0.063 ± 0.005	0.015 to 0.033	0.020 +0.005 / -0.010	0.020 +0.005 / -0.010
2010	B, S	0.209 ± 0.009	0.098 ± 0.005	0.015 to 0.033	0.020 ± 0.005	0.020 ± 0.005
2512	B, S	0.259 ± 0.009	0.124 ± 0.005	0.015 to 0.033	0.020 ± 0.005	0.020 ± 0.005

**ENVIRONMENTAL TESTS - TYPICAL**

ENVIRONMENTAL TEST	10 kΩ ΔR ± (%)	100 kΩ ΔR ± (%)
Thermal Shock	0.02	0.02
Short Time Overload	0.01	0.01
Low Temperature Operation	0.01	0.01
Resistance to Solder Heat	0.01	0.01
Moisture Resistance	0.02	0.02
High Temperature Exposure	0.02	0.02
Load Life (10 000 h, +70 °C)	0.04	0.04
TCR	± 5 ppm/°C	± 5 ppm/°C

**DERATING CURVE**

**GLOBAL PART NUMBER INFORMATION**

GLOBAL MODEL	CASE SIZE	TCR CHARACTERISTIC	RESISTANCE	TOLERANCE	TERMINATION	PACKAGING
PLT	0603 0805 1206 2010 2512	Z = ± 5 ppm/°C Y = ± 10 ppm/°C	The first 3 digits are significant figures and the last digit specifies the number of zeros to follow. "R" designates the decimal point.  Example: 1001 = 1 kΩ 2500 = 250 Ω  Special values with more than 4 significant figures, use a R for value below 1 kΩ and a K for values greater than 1 kΩ to signify a decimal point.  982R6 = 982.6 Ω 532R41 = 532.41 Ω	L = ± 0.01 % <sup>(2)</sup> Q = ± 0.02 % A = ± 0.05 % B = ± 0.1 % D = ± 0.5 % F = ± 1 %	B = wraparound Sn / Pb solder w/ Ni barrier (63 % Sn / 37 % Pb w/ nickel barrier)  S = wraparound lead (Pb)-free solder 96.5 % Sn / 3.0 % Ag / 0.5 % Cu RoHS compliant - e1	WS = WAFFLE PACK WI = 100 min., 1 mult. (item single lot date code) WP = 100 min., 1 mult. (package unit single lot date code)  TAPE AND REEL T0 = 100 min., 100 mult. T1 = 1000 min., 1000 mult. <sup>(1)</sup> T3 = 300 min., 300 mult. T5 = 500 min., 500 mult. TF = full reel TS = 100 min., 1 mult. TI = 100 min., 1 mult. (item single lot date code) TP = 100 min., 1 mult. (package unit single lot date code)

**Notes**

<sup>(1)</sup> Preferred packaging code

<sup>(2)</sup> L and Q tolerances are available only for resistance values > 250 Ω



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