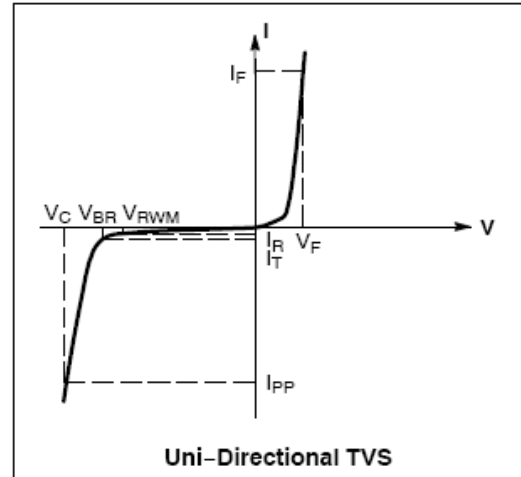


ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$ unless otherwise noted)

| Symbol | Parameter |
|-----------|------------------------------------------------|
| I_{PP} | Maximum Reverse Peak Pulse Current |
| V_C | Clamping Voltage @ I_{PP} |
| V_{RWM} | Working Peak Reverse Voltage |
| I_R | Maximum Reverse Leakage Current @ V_{RWM} |
| V_{BR} | Breakdown Voltage @ I_T |
| I_T | Test Current |
| P_{pk} | Peak Power Dissipation |
| C | Max. Capacitance @ $V_R=0$ and $f=1\text{MHz}$ |

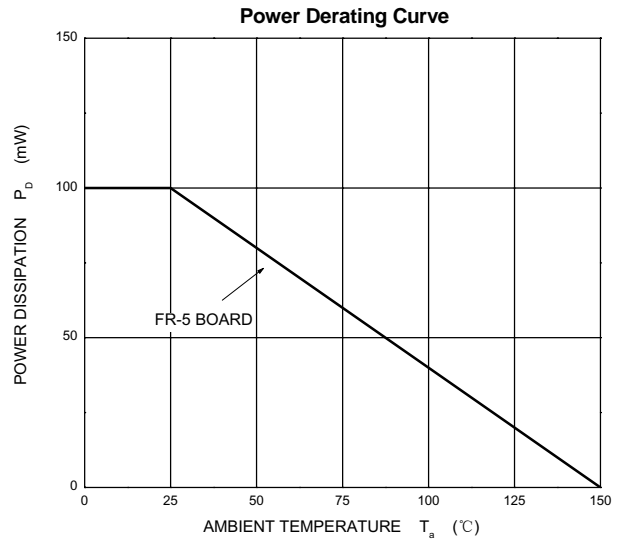
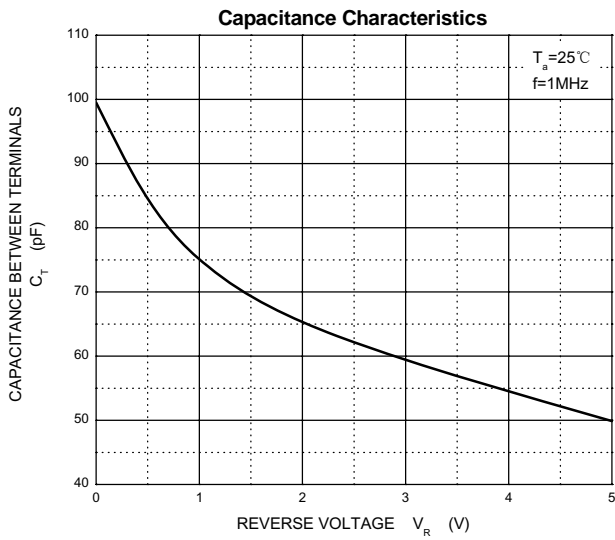
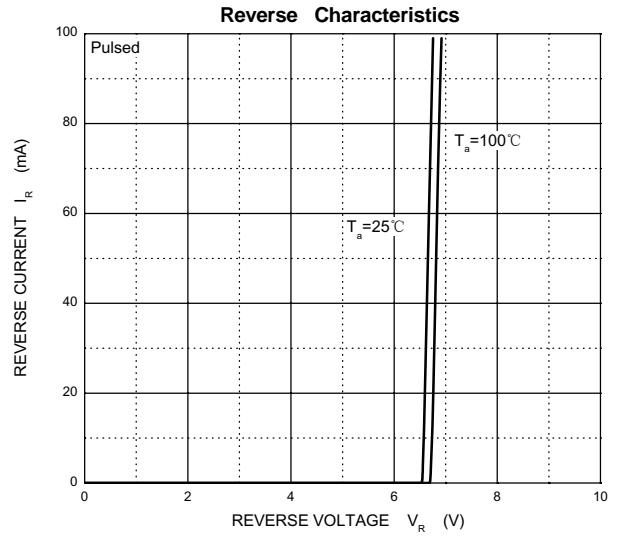
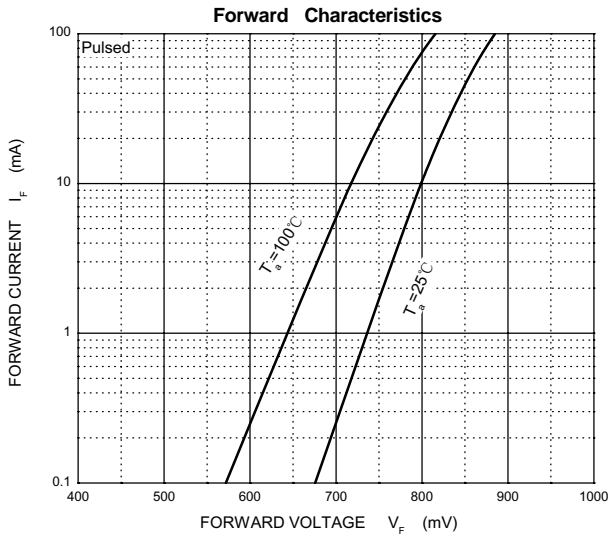


ELECTRICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$ unless otherwise noted)

| Device | Device Marking | V_{RWM} | I_R (μA) | V_{BR} (V) @ I_T | | I_T | P_{pk} (W) | I_{PP} (A) | V_C (V) | C (pF) |
|----------|----------------|-----------|-------------------------|----------------------|-----|-------|--------------|--------------|---------------|--------|
| | | (V) | @ V_{RWM} | (Note 1) | | | (8x20 us) | | @Max I_{PP} | |
| | | Max | Max | Min | Max | mA | Typ | Max | Max | Typ |
| ESD5V0LP | B | 5.0 | 1.0 | 6.2 | 7.3 | 1.0 | 107 | 8.7 | 12.3 | 65 |

Note: 1. V_{BR} is measured with a pulse test current I_T at an ambient temperature of 25°C .

Typical Characteristics





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Ordering Information :

| Device | Packing |
|----------------|------------------------|
| Part Number-TP | Tape&Reel: 10Kpcs/Reel |

Note : Adding "-HF" suffix for halogen free, eg. Part Number-TP-HF

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