

Electrical Characteristics @ 25°C (Unless Otherwise Specified)

| Parameter             | Symbol   | Conditions   | Min. | Typ. | Max.  | Units         |
|-----------------------|----------|--|------|------|-------|---------------|
| Forward Voltage       | $V_F$    | $I_F=1\text{mA}$   |      |      | 0.715 | V             |
|                       |          | $I_F=10\text{mA}$  |      |      | 0.855 | V             |
|                       |          | $I_F=50\text{mA}$  |      |      | 1     | V             |
|                       |          | $I_F=150\text{mA}$   |      |      | 1.25  | V             |
| Reverse Current       | $I_R$    | $V_R=75\text{V}$   |      |      | 1     | $\mu\text{A}$ |
|                       |          | $V_R=20\text{V}$   |      |      | 0.025 | $\mu\text{A}$ |
|                       |          | $V_R=75\text{V}, T_J=150^\circ\text{C}$                          |      |      | 50    | $\mu\text{A}$ |
| Junction Capacitance  | $C_J$    | $V_R = 0\text{V}, f = 1\text{MHz}$                               |      |      | 2     | pF            |
| Reverse Recovery Time | $t_{rr}$ | $I_F=I_R=10\text{mA},$<br>$I_{rr}=0.1 \times I_R, R_L=100\Omega$ |      |      | 4     | ns            |

## Curve Characteristics

Fig. 1 - Typical Instantaneous Forward Characteristics

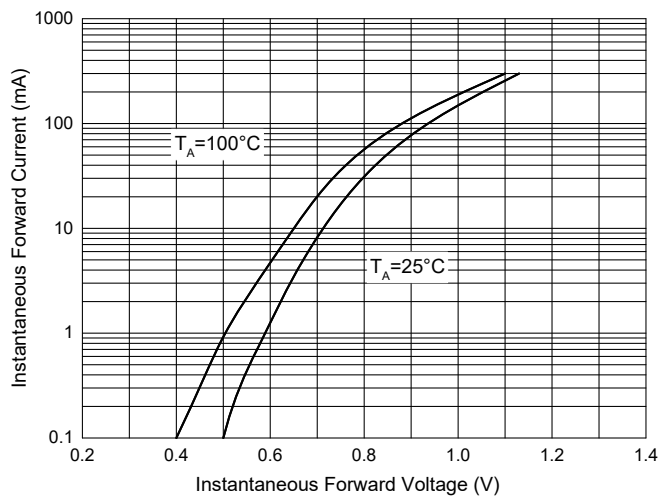


Fig. 2 - Typical Reverse Leakage Characteristics

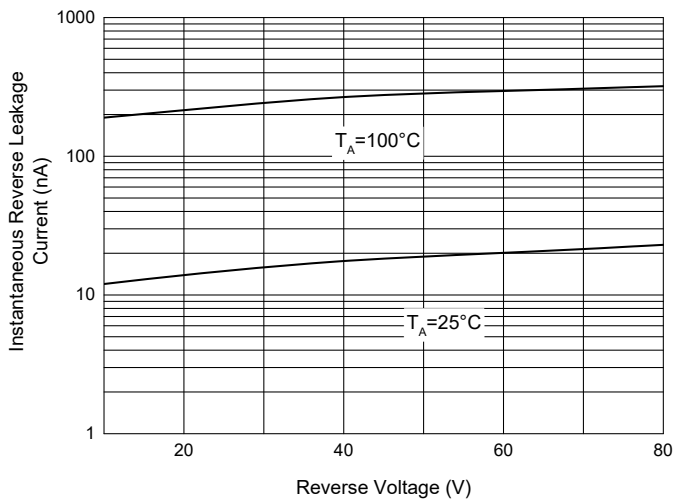
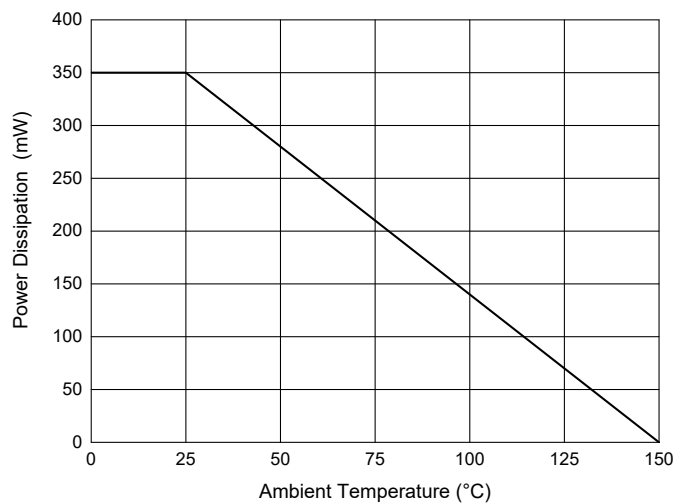


Fig. 3 - Power Derating Curve



## Ordering Information

| Device         | Packing               |
|----------------|-----------------------|
| Part Number-TP | Tape&Reel: 3Kpcs/Reel |

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