



1SS400

ELECTRICAL CHARACTERISTICS $T_J = 25^{\circ}\text{C}$ UNLESS OTHERWISE NOTED

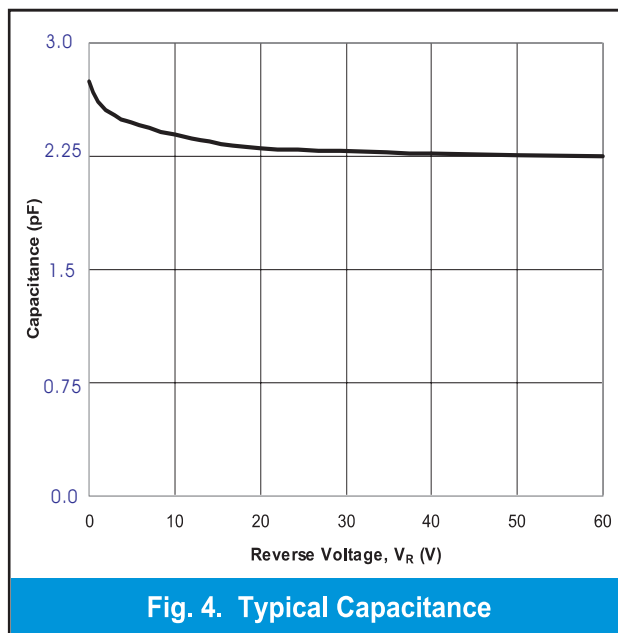
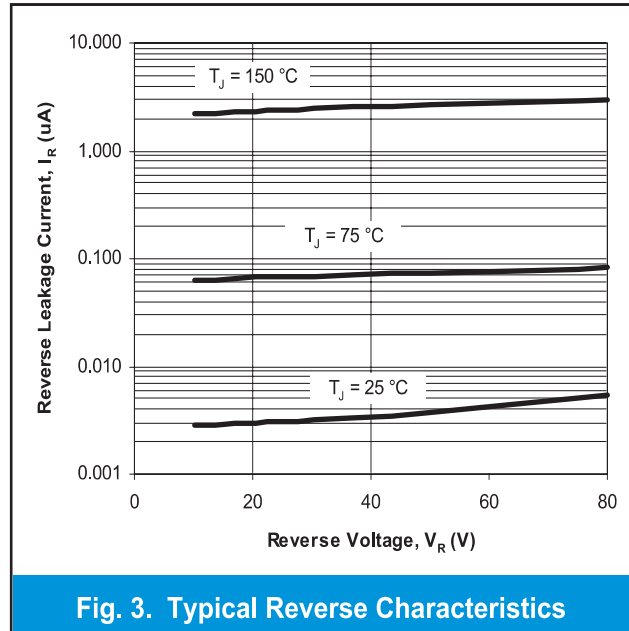
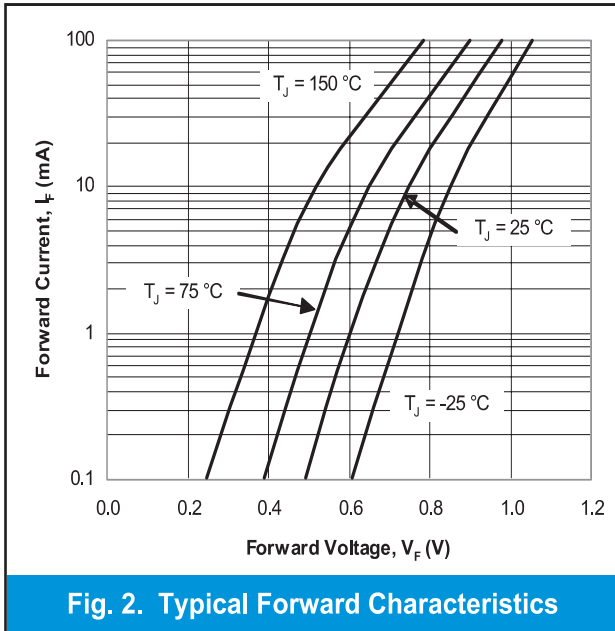
| PARAMETER | SYMBOL | TEST CONDITIONS | MIN | TYP | MAX | UNITS |
|---|----------|---|-----|-----|-----|---------------|
| Forward Voltage (Note 2) | V_F | $I_F = 100\text{mA}$ | - | - | 1.2 | V |
| Reverse Leakage Current | I_R | $V_R = 80\text{V}$ | - | - | 0.1 | μA |
| Junction Capacitance | C_D | 0Vdc Bias, $f = 1\text{MHz}$ | - | 3 | - | pF |
| Reverse Recovery Time (See Figure 1) | t_{rr} | $I_F = 10\text{mA}$, $I_R = 10\text{mA}$ $R_L = 100\ \Omega$; measured at $I_{Rrec} = 1\text{mA}$ | - | - | 4.0 | ns |

Note 2. Short duration pulse test to avoid self-heating effect



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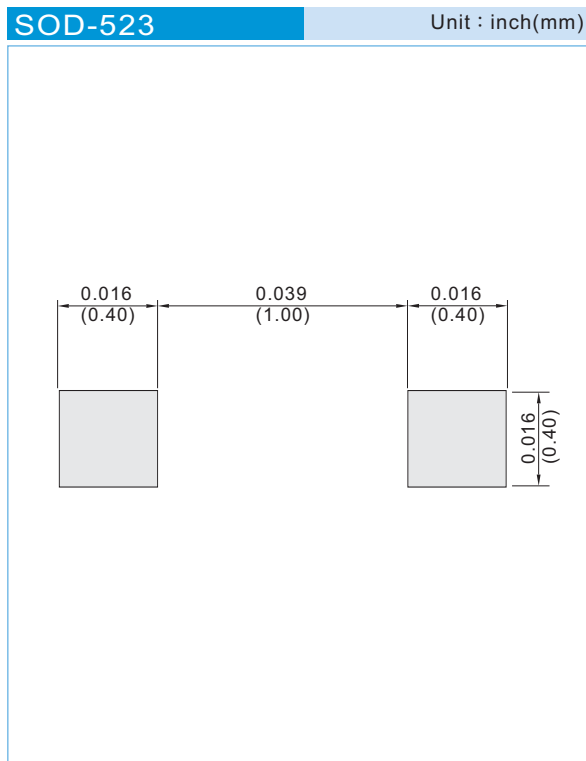
TYPICAL CHARACTERISTIC CURVES





1SS400

MOUNTING PAD LAYOUT



ORDER INFORMATION

- Packing information
 - T/R - 12K per 13" plastic Reel
 - T/R - 5K per 7" plastic Reel

LEGAL STATEMENT

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