

Zener diode

DO-41 glass 10 V 1 W

FEATURES:

Silicon Planar Power Zener Diodes

For use in stabilizing and clipping circuits with high power rating

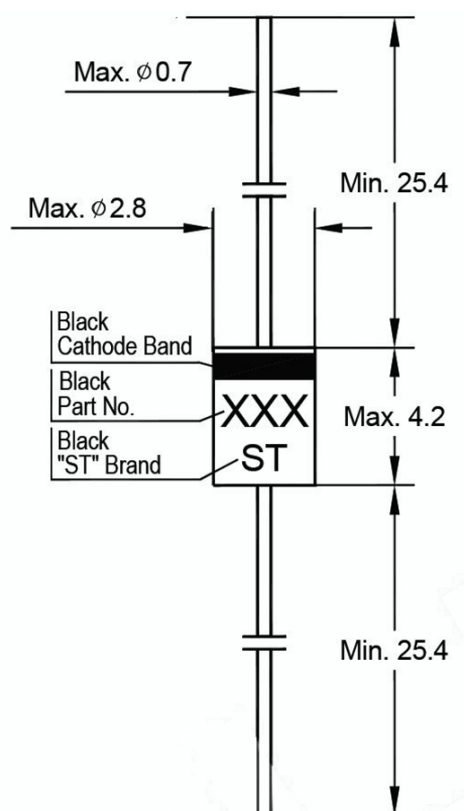
SPECIFICATION:

Zener voltage	10 V
Power dissipation	1 W
Tolerance	5 %
Housing type	DO-41 glass
Zener resistance	7 Ω
Thermal resistance	170 K/W
Conducting-state voltage	1.2 V
Reverse current	10 μ A@ 7.6 V
Surge current	454 mA



Art. Nr.

RND 1N4740A



Glass Case DO-41
Dimensions in mm

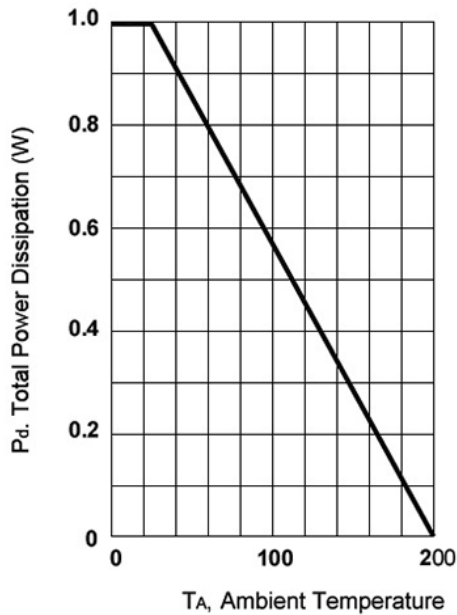


Fig. 1 Power Dissipation vs Ambient Temperature

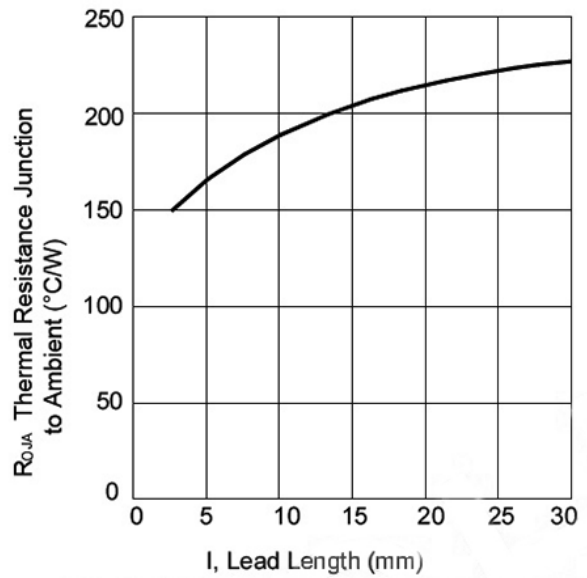


Fig. 2 Typical Thermal Resistance vs. Lead Length

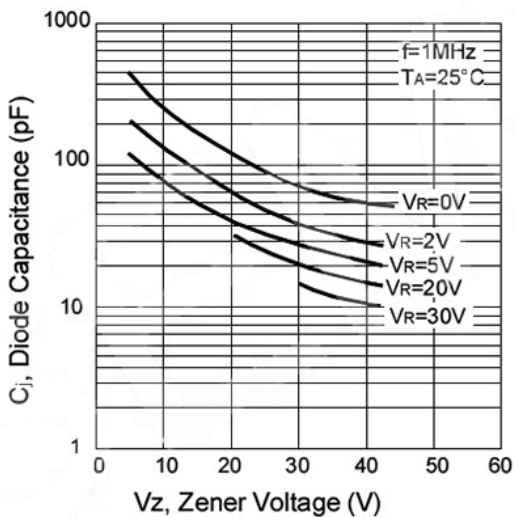


Fig. 3 Junction Capacitance vs Zener Voltage

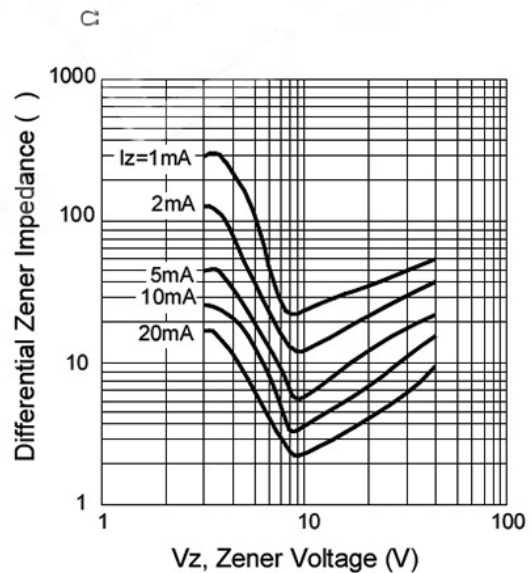


Fig. 4 Typical Zener Impedance vs. Zener Voltage