

High Voltage Opto - diode - Axial Lead

Original Released: 06-28-11
 Revised Date: 01-08-13

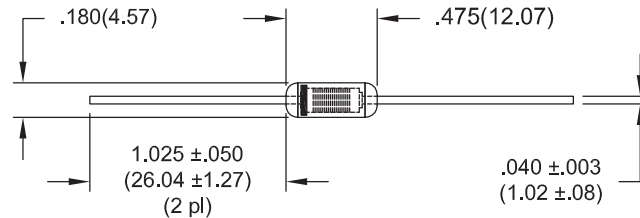
0.30A • 3000ns

| ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS | | | | | | | | | | | | | | |
|--|---|--|-----------|--|--------|--------------------------------------|------|---|---|--|---------------------------------------|--------|--------|--|
| Part Number | Working Reverse Voltage (V _{rw}) | Average Rectified Current (I _o) | | Reverse Current @ V _{rw} (I _r) | | Forward Voltage (V _f) | | 1 Cycle Surge Current t _p =8.3ms (I _{fsm}) | Repetitive Surge Current (I _{frm}) | Reverse Recovery Time (3) (T _{rr}) | Thermal Impedance θ _{J-L} | | | Junction Cap. @50VDC @ 1kHz (C _j) |
| | | 55 °C(1) | 100 °C(2) | 25 °C | 100 °C | 25 °C | | 25 °C | 25 °C | 25 °C | L=000 | L=.125 | L=.250 | 25 °C |
| | Volts | Amps | Amps | µA | µA | Volts | Amps | Amps | Amps | ns | °C/W | °C/W | °C/W | pF |
| OZ150SG | 15000 | 0.30 | 0.15 | 1.0 | 25 | 18 | 0.30 | 10 | 2 | 3000 | 6 | 9 | 18 | 5 |

(1)TL=55°C L=0.375" (2)TL=100°C L=0.375" (3)I_f=0.5A, I_r=1.0A, I_{rr}=0.25A *Op.Temp.= -40°C to +70°C Stg.Temp.= -40°C to +100°C

Markings:
 Cathode band
 (Green)

Tolerance:
 .XXX ±.010(0.25)



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



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