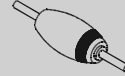


**15,000 V Rectifiers**  
**0.30 A Forward Current**  
**3000 ns Recovery Time**

**Z150SG**

AXIAL LEADED  
 HERMETICALLY SEALED

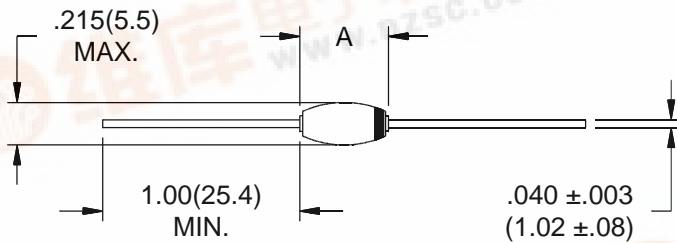


**4**

**ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS**

Part Number	Working Reverse Voltage (Vrwm)	Average Rectified Current (Io)		Reverse Current @ Vrwm (Ir)		Forward Voltage (Vf)		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (3) (Trr)	Thermal Impedance $\theta_{J-L}$			Junction Cap. @50VDC @ 1kHz (Cj)
		55°C(1)	100°C(2)	25°C	100°C	25°C					L=000	L=.125	L=.250	
		Amps	Amps	µA	µA	Volts	Amps				Amps	ns	°C/W	
Z150SG	15000	0.30	0.15	1.0	25	18.0	0.30	10	2	3000	3	6	12	5

(1)TL=55°C L=0.375" (2)TL=100°C L=0.375" (3)If=0.5A, Ir=1.0A, Irr=0.25A • Op.Temp.= -65°C to +175°C Stg.Temp.= -65°C to +200°C



Part	A
Z150SG	.450(11.43) MAX.



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



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# Z150SG

