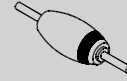


15,000 V Rectifiers

0.30 A Forward Current
200 ns Recovery Time

Z150FG

AXIAL LEADED
HERMETICALLY SEALED

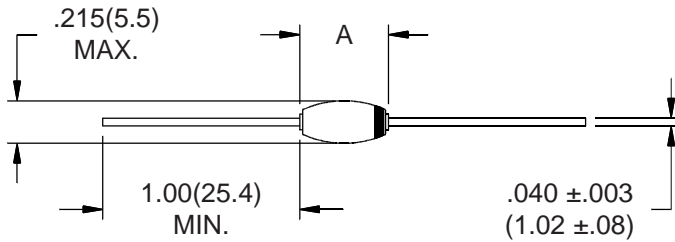


4

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rrm})	Average Rectified Current (I _o)		Reverse Current @ V _{rrm} (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	
	Volts	Amps	Amps	μA	μA	Volts	Amps	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
Z150FG	15000	0.30	0.15	1.0	25	20.0	0.30	10	2	200	3	6	12	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.= -65°C to +175°C Stg. Temp.= -65°C to +200°C



Part	A
Z150FG	.450(11.43) MAX.



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



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Z150FG

