

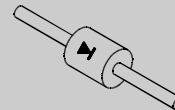
2,500 V - 10,000 V Rectifiers

0.50 A - 1.5 A Forward Current

200 ns Recovery Time

Z25F
Z50F
Z100F

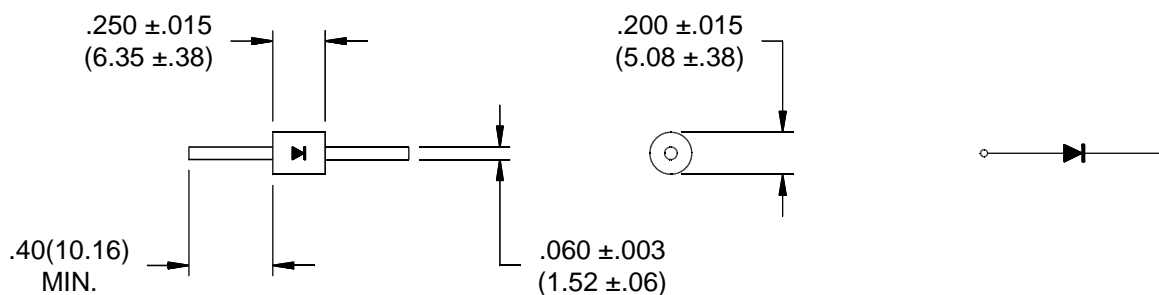
AXIAL LEADED
EPOXY MOLDED



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (V _{rwm})	Average Rectified Current (I _o)		Reverse Current @ V _{rwm} (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)
		Volts	55°C(1)	100°C(2)	25°C	100°C	25°C	Amps	25°C	25°C	25°C	L=.000	L=.250
	Amps		Amps	µA	µA	Volts	Amps		Amps	Amps	ns	°C/W	°C/W
Z25F	2500	1.50	1.00	1.0	25	6.5	2.0	60	10	200	3	10.0	20
Z50F	5000	0.80	0.40	1.0	25	9.5	1.0	40	8	200	3	10.0	16
Z100F	10000	0.50	0.25	1.0	25	13.0	0.6	25	5	200	3	10.0	8

(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.= -55°C to +150°C Stg. Temp.= -55°C to +175°C



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



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Z25F Z50F Z100F

