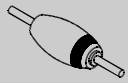
2,500 V - 10,000 V Rectifiers

0.50 A - 1.5 A Forward Current
100 ns Recovery Time

Z25UFG
Z50UFG
Z100UFG

AXIAL LEADED
HERMETICALLY SEALED

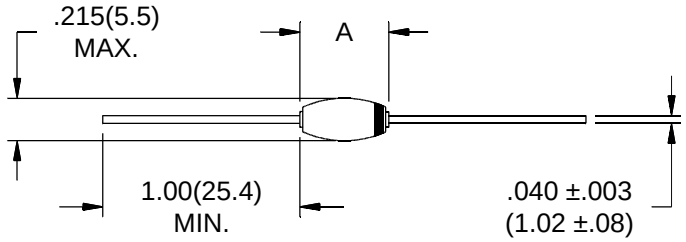


4

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 θ_{J-L}			Junction Cap. @50VDC @ 1kHZ (Cj)
		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
Z25UFG	2500	1.50	1.00	1.0	25	7.5	2.00	60	10	100	3	6	12	20
Z50UFG	5000	1.00	0.50	1.0	25	10.5	1.00	40	8	100	3	6	12	16
Z100UFG	10000	0.50	0.25	1.0	25	14.0	0.60	25	5	100	3	6	12	8

(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
Z25UFG Z50UFG	.350(8.89) MAX.
Z100UFG	.400(10.16) MAX.



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

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Z25UFG Z50UFG Z100UFG

