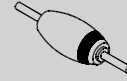


2,500 V - 10,000 V Rectifiers

0.50 A - 1.5 A Forward Current
100 ns Recovery Time

Z25UFG
Z50UFG
Z100UFG

AXIAL LEADED
HERMETICALLY SEALED

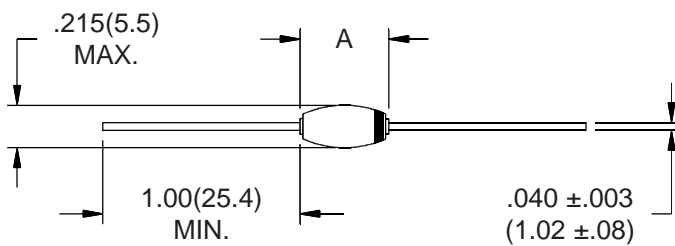


4

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (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	
	Volts	Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C/W	°C/W	°C/W	25 °C
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)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
Z25UFG	.350(8.89) MAX.
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.



VOLTAGE MULTIPLIERS INC.
8711 W. Roosevelt Ave.
Visalia, CA 93291

TEL 559-651-1402
FAX 559-651-0740
www.voltagemultipliers.com

Z25UFG Z50UFG Z100UFG

