

600 V - 1,000 V Rectifiers
3.0 A - 5.0A Forward Current
150 ns - 3000 ns Recovery Time

Z06FG Z10FG
Z06SG Z10SG

AXIAL LEADED
HERMETICALLY SEALED

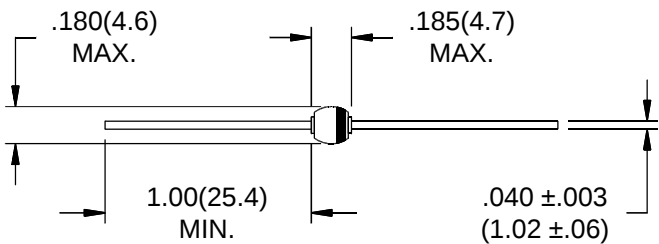


3

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current @ V _{rw}		Forward Voltage		1 Cycle Surge Current t _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impedance			Junction Cap. @50VDC @ 1kHz (C _j)
	(V _{rw})	(I _o)		(I _r)		(V _f)		25°C	25°C	25°C	θ _{J-L}			25°C
	Volts	55°C(1) Amps	100°C(2) Amps	25°C µA	100°C µA	25°C Volts	25°C Amps	Amps	Amps	ns	L=.125 °C/W	L=.375 °C/W	L=.500 °C/W	pF
Z06FG	600	3.0	2.0	1.0	20	1.5	3.0	100	20	150	9	20	25	35
Z10FG	1000	3.0	2.0	1.0	20	1.5	3.0	100	20	150	9	20	25	35
Z06SG	600	5.0	2.0	1.0	20	1.3	9.0	150	25	3000	9	20	25	35
Z10SG	1000	5.0	2.0	1.0	20	1.3	9.0	150	25	3000	9	20	25	35

(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



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

Z06FG Z10FG Z06SG Z10SG

