

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

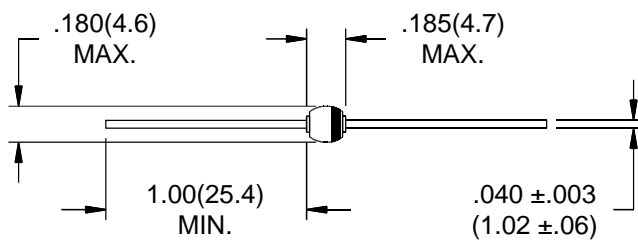


3

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage (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	
	Volts	Amps	Amps	μ A	μ A	Volts	Amps	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
Z06FG Z10FG	600 1000	3.0 3.0	2.0 2.0	1.0 1.0	20 20	1.5 1.5	3.0 3.0	100 100	20 20	150 150	9 9	20 20	25 25	35 35
Z06SG Z10SG	600 1000	5.0 5.0	2.0 2.0	1.0 1.0	20 20	1.3 1.3	9.0 9.0	150 150	25 25	3000 3000	9 9	20 20	25 25	35 35

(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



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



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