

600 V - 1,000 V Rectifiers

1.2A - 2.2A Forward Current

30 ns - 50 ns Recovery Time

Z06FF3 Z10FF3
Z06FF5 Z10FF5

AXIAL LEADED
HERMETICALLY SEALED

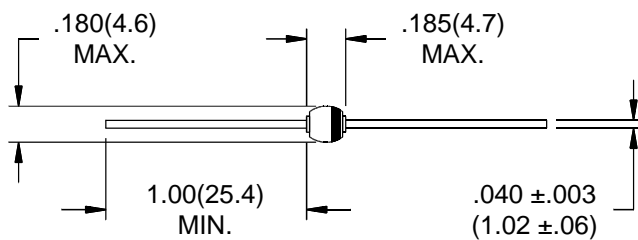


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ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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 θJ-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	µA	µA	Volts	Amps	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
Z06FF3 Z10FF3	600 1000	2.00 1.20	1.30 0.80	1.0 1.0	50 50	2.5 4.0	2.0 1.5	60 50	12.0 10.0	30 30	9 9	20 20	25 25	35 35
Z06FF5 Z10FF5	600 1000	2.20 2.00	1.50 1.30	1.0 1.0	50 50	2.0 2.2	2.0 2.0	60 50	12.0 10.0	50 50	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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