

600 V - 1,000 V Rectifiers

1.2A - 2.2A Forward Current

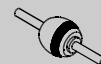
30 ns - 50 ns Recovery Time

Z06FF3 Z10FF3

Z06FF5 Z10FF5

AXIAL LEADED

HERMETICALLY SEALED

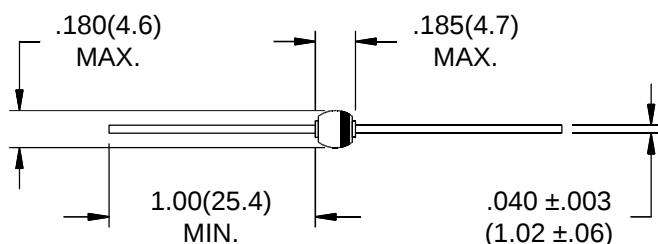


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ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	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)	100°C(2)	25°C	100°C	25°C	25°C	25°C	25°C	25°C	L=.125	L=.375	L=.500	25°C
		Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
Z06FF3	600	2.00	1.30	1.0	50	2.5	2.0	60	12.0	30	9	20	25	35
Z10FF3	1000	1.20	0.80	1.0	50	4.0	1.5	50	10.0	30	9	20	25	35
Z06FF5	600	2.20	1.50	1.0	50	2.0	2.0	60	12.0	50	9	20	25	35
Z10FF5	1000	2.00	1.30	1.0	50	2.2	2.0	50	10.0	50	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.



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Z06FF3 Z10FF3 Z06FF5 Z10FF5

