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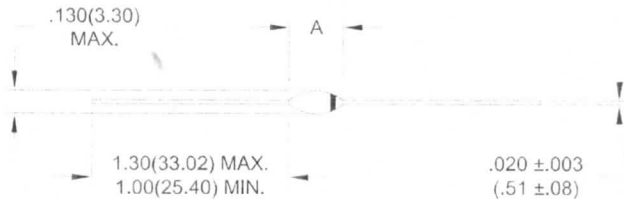
High Voltage Diodes - Axial Lead

20mA - 40mA • 30ns - 50ns • Hermetic

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 tp=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					L=.000	L=.125	L=.250	
		mA	mA	μA	μA	Volts	mA				°C/W	°C/W	°C/W	
M50FF3	5000	40	20	0.1	10	12.5	40	2.0	0.4	30	18	30	50	1.0
M100FF3	10000	20	10	0.1	10	25.0	20	1.0	0.2	30	18	30	50	0.5
M50FF5	5000	40	20	0.1	10	12.5	40	2.0	0.4	50	18	30	50	1.0
M100FF5	10000	20	10	0.1	10	25.0	20	1.0	0.2	50	18	30	50	0.5

(1) T_L=55°C L=0.375" (2) T_L=100°C L=0.375" (3) I_f=12.5mA, I_r=25mA, I_{rr}=6.3mA *Op. Temp. = -65°C to +175°C Stg. Temp. = -65°C to +200°C



Part	A
M50FF3	225(5.72) MAX.
M100FF3	.300(7.62) MAX.
M50FF5	225(5.72) MAX.
M100FF5	.300(7.62) MAX.



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Quality Semi-Conductors