

2,500 V - 16,000 V Rectifiers

10 mA - 100 mA Forward Current

100 ns Recovery Time

M25UFG M50UFG
M100UFG M160UFG

AXIAL LEADED
HERMETICALLY SEALED

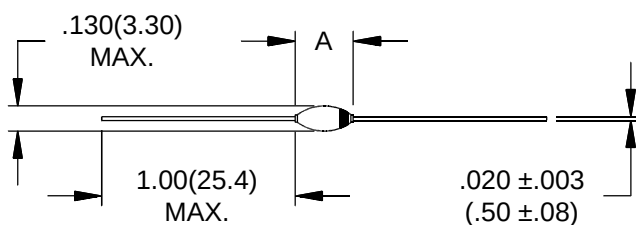


4

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current @ Vrwm		Forward Voltage		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (3) (Trr)	Thermal Impedance			Junction Cap. @50VDC @ 1kHz (Cj)
	(Vrwm)	(Io)		(Ir)		(Vf)					θ_{J-L}			
		55°C(1)	100°C(2)	25°C	100°C	25°C		25°C	25°C	25°C	L=000	L=.125	L=.250	25°C
	Volts	mA	mA	µA	µA	Volts	mA	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
M25UFG	2500	100	50	0.1	10	7.0	25	8.0	1.3	100	18	30	50.0	2.0
M50UFG	5000	50	25	0.1	10	9.0	25	4.0	0.8	100	18	30	50.0	1.0
M100UFG	10000	25	12	0.1	10	14.0	25	2.0	0.4	100	18	30	50.0	0.5
M160UFG	16000	10	5	0.1	10	35.0	10	1.0	0.2	100	33	45	65.0	0.5

(1)TL=55°C L=0.375" (2)TL=100°C L=0.375" (3)If=12.5mA, Ir=25mA, Irr=6.3mA • Op.Temp.= -65°C to +175°C Stg.Temp.= -65°C to +200°C



Part	A
M25UFG M50UFG M100UFG	.300(7.62) MAX.
M160UFG	.350(8.89) MAX.



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



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