

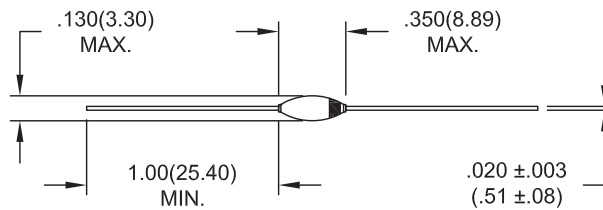
High Voltage High Temp Diode - Axial Lead

10mA • 100ns

ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current		Forward Voltage		1 Cycle Surge Current tp=8.3ms	Repetitive Surge Current	Reverse Recovery Time (3)	Thermal Impedance			Junction Cap. @50VDC @ 1kHz
				Vrwm	12kV						θ_{J-L}			
	(Vrwm)	(Io)		25°C	175°C	25°C	25°C	25°C	25°C	25°C	L=.000	L=.125	L=.250	25°C
	Volts	mA	mA	μ A	μ A	Volts	mA	Amps	Amps	ns	°C/W	°C/W	°C/W	pF
M160UFGHT	16000	10	5	0.1	10.0	35	10	1.0	0.2	100	33	45	65	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



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



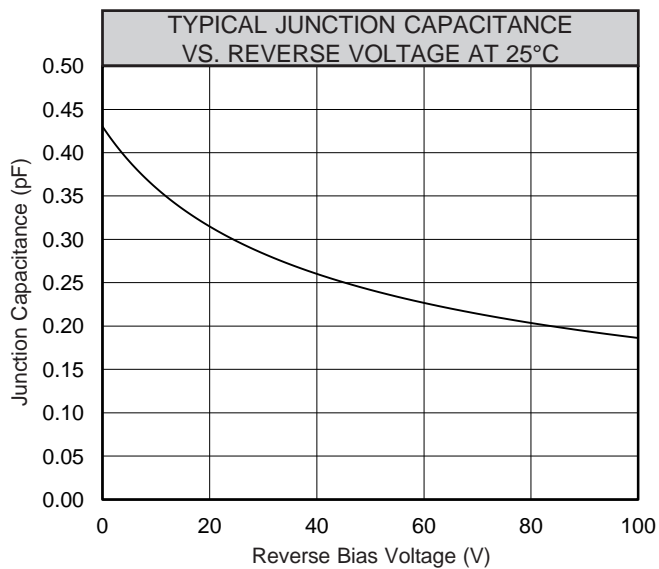
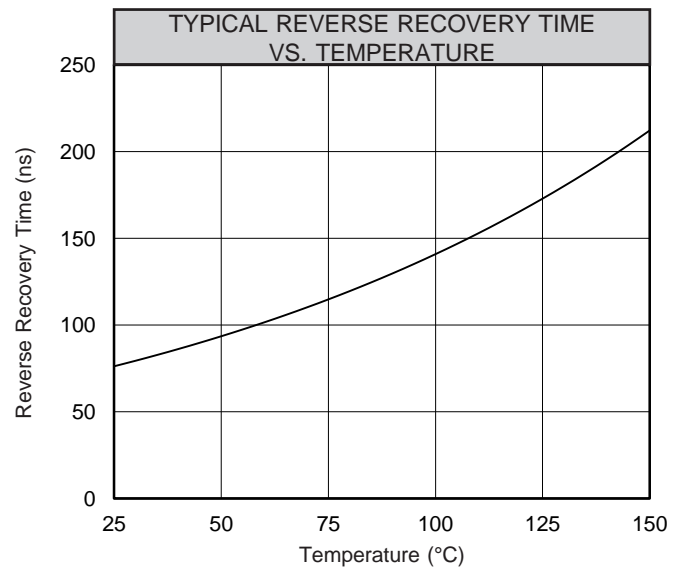
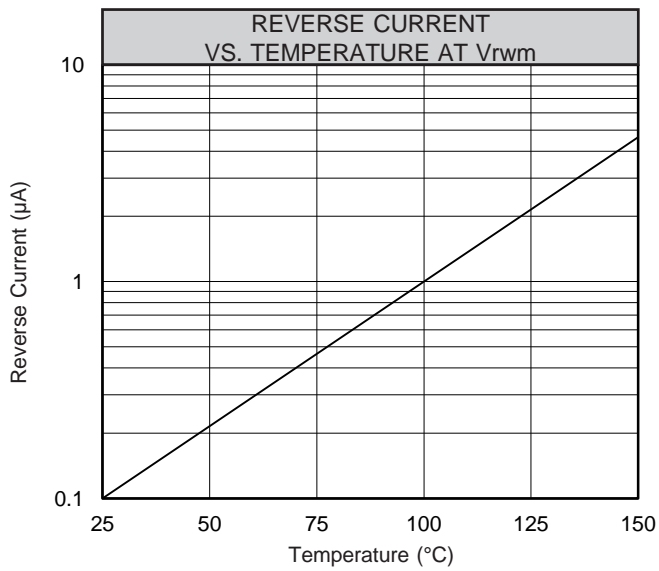
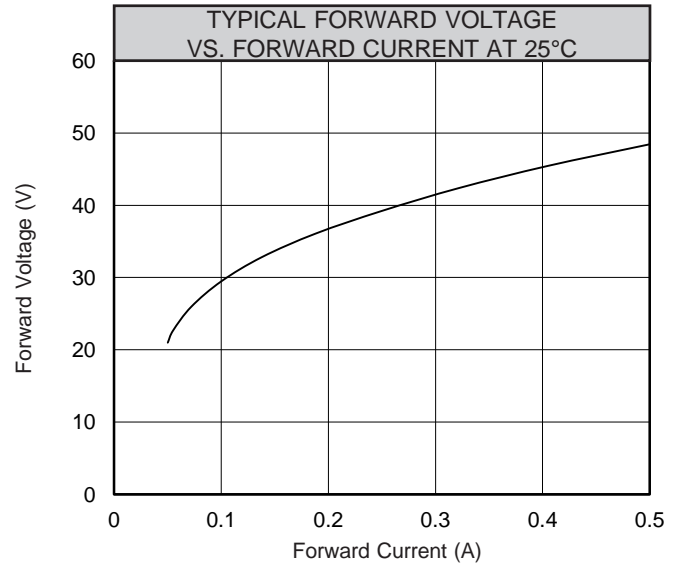
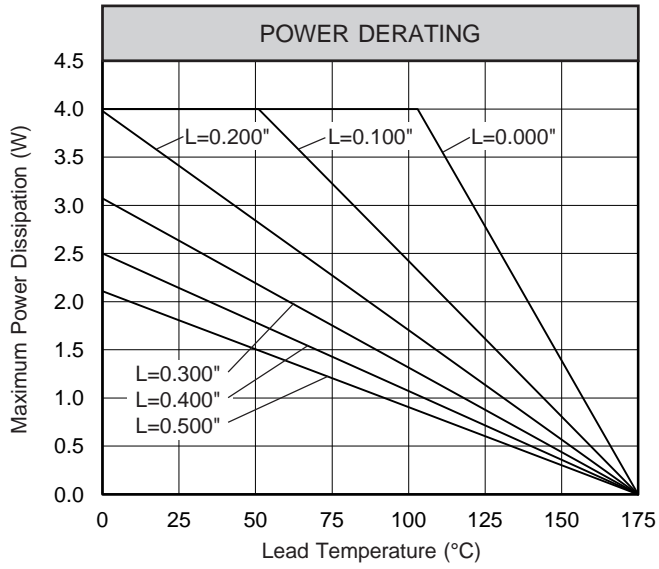
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