

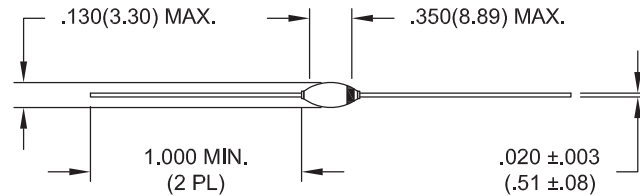
High Voltage Diodes - Axial Lead

Original Released: 03-06-09
 Revised Date: 01-08-13

10 mA • 50ns - 3000ns

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 t _p = 8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (T _{rr})	Thermal Impedance θ _{J-L}			Junction Cap. @50VDC @ 1kHz (C _j)	Non - Repetitive Peak Reverse Avalanche Energy (E _{rs})
		55 °C (1)	100 °C (2)	25 °C	100 °C	25 °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	mJ
MR140FF5	14000	10	5	0.1	10	50	10	0.5	0.1	50	33	45	65	0.5	10
MR140UFG	14000	10	5	0.1	10	35	10	0.5	0.1	70	33	45	65	0.5	10
MR140SG	14000	10	5	0.1	10	35	10	0.5	0.1	3000	33	45	65	0.5	10

(1)TL=55°C L=0.375" (2)TL=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



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



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