MBRH24060(R)

# SCHOTTKY DIODE MODULE TYPE 240A / 60V

### **Features**

High Surge Capability
Type 60V VRRM

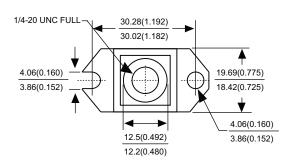
## **Maximum Ratings**

Operating Temperature: -55  $^{\circ}$ C to +150  $^{\circ}$ C Storage Temperature: -55  $^{\circ}$ C to +150  $^{\circ}$ C

Part Number	Maximum Recurr ent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage	
MBRH24060(R)	60V	42V	80V	



Dimensions in mm (1 mm = 0.0394")

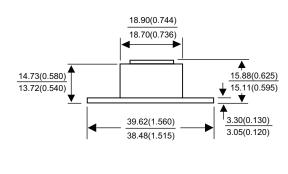


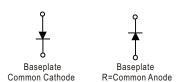
# Electrical Characteristics @ 25 $^{\circ}$ Unless Otherwise Specified

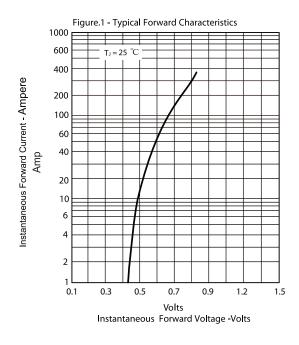
Average Forward Current (Per pkg)	<b> </b> F(AV)	240A	TC=125°C
Peak Forward Surge Current	I <sub>FSM</sub>	3300A	8.3ms, half sine
Maximum Instantaneous Forward Voltage	V <sub>F</sub>	0.78V	lгм=240А;ТJ=25°С
Maximum NOTE(1) Instantaneous Reverse Current At Rated DC Blocking Voltage	I <sub>R</sub>	1mA 10mA 50mA	TJ= 25 °C TJ =100 °C TJ =150 °C
Maximum Thermal Resistance Junction To Case	Røjc	0.30°C/W	

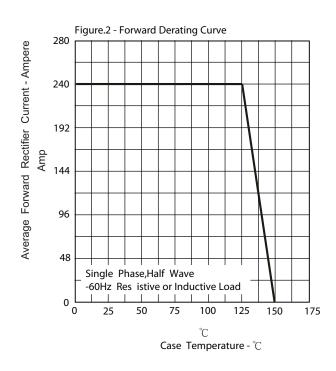


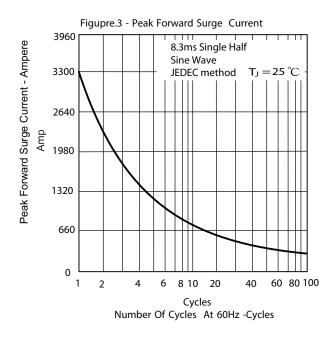
(1) Pulse Test: Pulse Width 300  $\mu$  sec. Duty Cycle < 2%

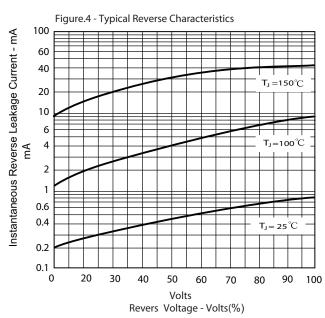














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