

SCHOTTKY DIODE MODULE TYPES 200A / 20V-45V

Features

High Surge Capability Types Up to 45V V_{RRM} Isolation Type Package Electrically Isolation base plate

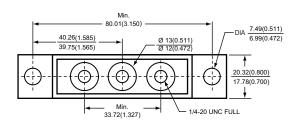
Maximum Ratings

Operating Temperature : -55°C to+150 °C Storage Temperature : -55°C to+150 °C

Part Number	Maximum Recurrent Peak Reverse Voltage	Maximum RMS Voltage	Maximum DC Blocking Voltage
MBRT20020(R)	20V	14V	20V
MBRT20030(R)	30V	21V	30V
MBRT20035(R)	35V	25V	35V
MBRT20040(R)	40V	28V	40V
MBRT20045(R)	45V	32V	45V

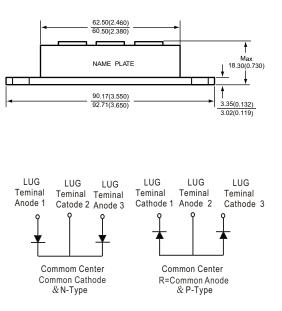


Dimensions in mm (1 mm = 0.0394")



Electrcal Characteristics @ 25°C Unless Otherwise Specified

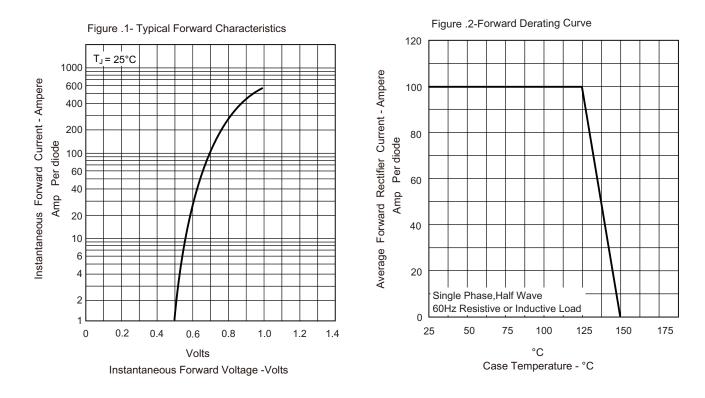
Average Forward Current (Per pkg)	F(AV)	200A	T _c =125°C
Peak Forward Surge Current (Per diode)	IFSM	1500A	8.3ms,half sine
Maximum (Per diode) Instantaneous Forward Voltage	V _F	0.70V	Iғм=100А; Тј=25°С
Maximum Instantaneous Reverse Current At Rated DC Blocking Voltage (Per diode)	I _R	1 mA 8 mA 30 mA	T _J = 25°C T _J =125°C T _J =150°C
Isolation Voltage	Viso	2500V	A.C. 1 minute
Maximum Thermal Resistance Junction To Case (Per diode)	Røjc	0.45°C/W	
Weight		103g	

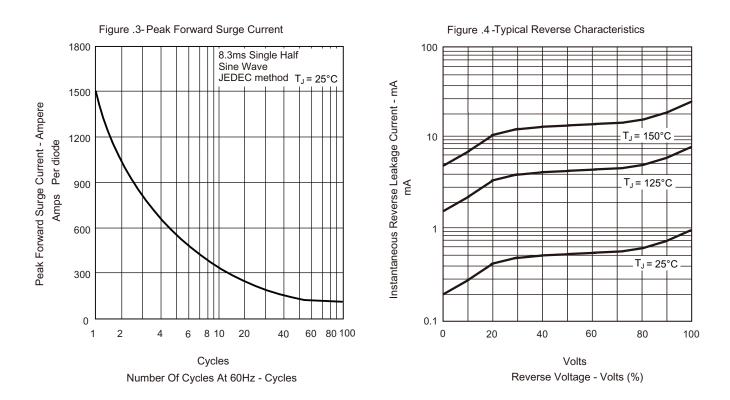


NOTE : (1) Pulse Test: Pulse Width 300 μ sec,Duty<2%



MBRT20020(R) THRU MBRT20045(R)





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