MBRTT60060(A)(D)(R)

SCHOTTKY DIODE MODULE TYPE 600A / 60V

Features

High Surge Capability
Type 60V 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
MBRTT60060(A)(D)(R)	60V	42V	60V

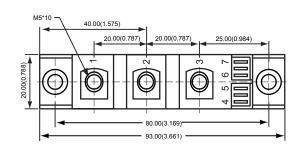
Electrical Characteristics @ 25 $^{\circ}$ C Unless Otherwise Specified

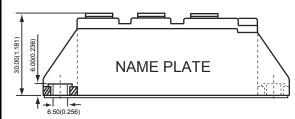
Average Forward Current (Per pkg)	IF(AV)	600A	Tc = 125°C
Peak Forward Surge Current (Per diode)	Iгsм	4000A	8.3ms , half sine
Maximum (Per diode) Instantaneous Forward Voltage *	VF	0.75V 0.80V	IFM=300A;ТJ = 125°С IFM=300A;ТJ = 25°С
Maximum Instantaneous Reverse Current At Rated DC Blockig Voltage* (Per diode)	IR	1mA 8mA 50mA	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	0.28°C/W	
Mounting torque		4 ± 0.5Nm 3 ± 0.5Nm	to heatsink to terminals
Weight		106g	

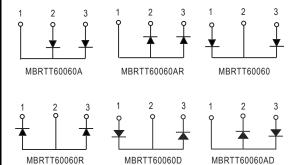
^{*}Pulse Test: Pulse Width 300 μ sec, Duty Cycle 2%



Dimensions in mm (1 mm = 0.0394")



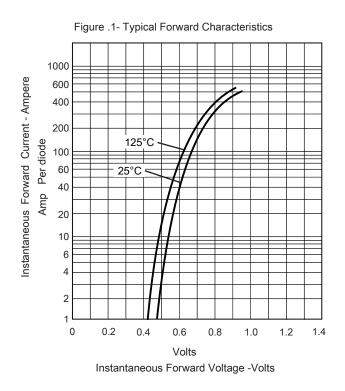


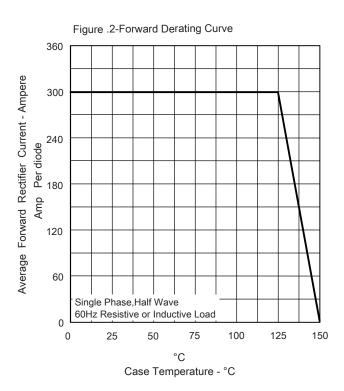


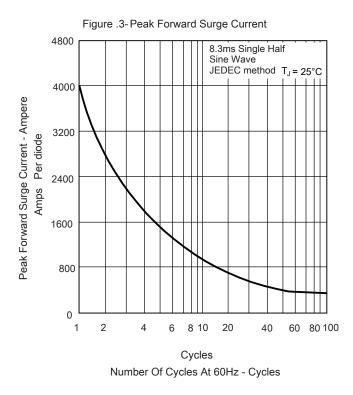


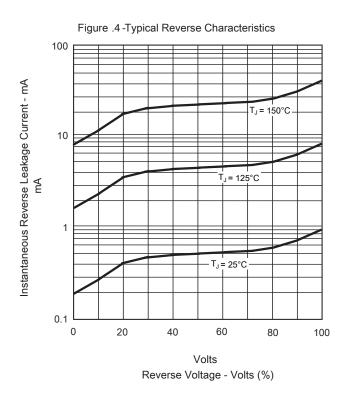
MBRTT60060ADR

MBRTT60060(A)(D)(R)











MBRTT60060(A)(D)(R)

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