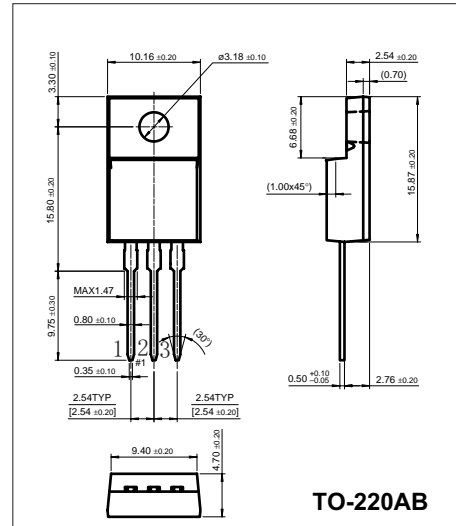
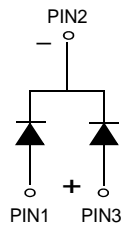


Schottky Barrier Rectifier

MBR2035CT thru MBR2060CT

Features

- Low forward voltage drop
- High surge capability
- Low power loss/High efficiency



Maximum Ratings and Electrical Characteristics (@TA=25 unless otherwise specified)

Parameter	Symbol	MBR 2035CT	MBR 2045CT	MBR 2050CT	MBR 2060CT	Unit
Peak Repetitive Reverse Voltage	VRRM	35	45	50	60	V
RMS Reverse Voltage	VRMS	35	45	50	60	
DC Blocking Voltage	VDC	35	45	50	60	
Average Rectified Forward Current @ TT = 135	IF(AV)	20				A
Non-repetitive Peak Forward Surge Current 8.3ms half sine-wave superimposed on rated load(JEDEC Method)	IFSM	150				A
Forward Voltage TC = 25 @IF = 10A	VF			0.8		V
@IF = 20A		0.84		0.95		
Forward Voltage TC = 125 @IF = 10A		0.57		0.7		
@IF = 20A		0.72		0.85		
Peak Reverse Current at @ TA= 25	IR	0.1		0.15		mA
Rated DC Blocking Voltage @ TA = 125		15		150		
Typical Thermal Resistance Junction to Ambient	R JA	2				/W
Operating Temperature Range	Tj	-65 to 150				
Operating and Storage Temperature Range	TJ, TSTG	-65 to 175				

MBR2035CT thru MBR2060CT

■ Typical Characteristics

