



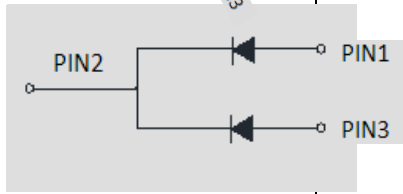
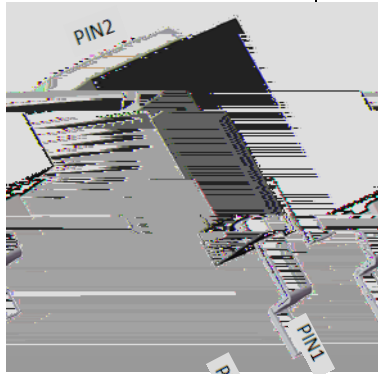
MBRB1020CT THRU MBRB1060CT

RoHS
COMPLIANT

Schottky Diodes

Features

- High frequency operation
- Low forward voltage drop
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Gu and JESD22-B102



Polarity: As marked

Maximum Ratings (T_a=25 Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	MBRB1020CT	MBRB1035CT	MBRB1045CT	MBRB1050CT	MBRB1060CT
Device marking code			MBRB1020CT	MBRB1035CT	MBRB1045CT	MBRB1050CT	MBRB1060CT
Repetitive Peak Reverse Voltage	VRRM	V	20				
Current Squared Time @1ms t<8.3ms T _j =25	I ² t	A ² s			41		
Storage Temperature	T _{stg}				-55 ~ +150		
Junction Temperature	T _j			-55 ~ +125		-55 ~ +150	
Maximum instantaneous forward voltage drop per diode	VFM	V	IFM=5.0A		0.55		0.75
Maximum DC reverse current at rated DC blocking voltage per diode	I _{RRM1}	mA	VRM=VRRM T _a =25			0.2	
	I _{RRM2}		VRM=VRRM T _a =100			20	
Note1:Pulse test:300uS pulse widh,1% duty cycle Note2:Pulse test:pulse widh 40mS							
a							
			1 / 4				
S-B684 Rev.1.1,02-Aug-23			Yangzhou Yangjie Electronic Technology Co., Ltd.			www.21yangjie.com	



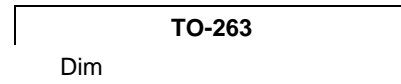
MBRB1020CT THRU MBRB1060CT

PARAMETER	SYMBOL	UNIT	MBRB1020CT	MBRB1035CT	MBRB1040CT	MBRB1050CT	MBRB1060CT	
-----------	--------	------	------------	------------	------------	------------	------------	--



MBRB1020CT THRU MBRB1060CT

Outline Dimensions



Suggested Pad Layout



MBRB1020CT THRU MBRB1060CT