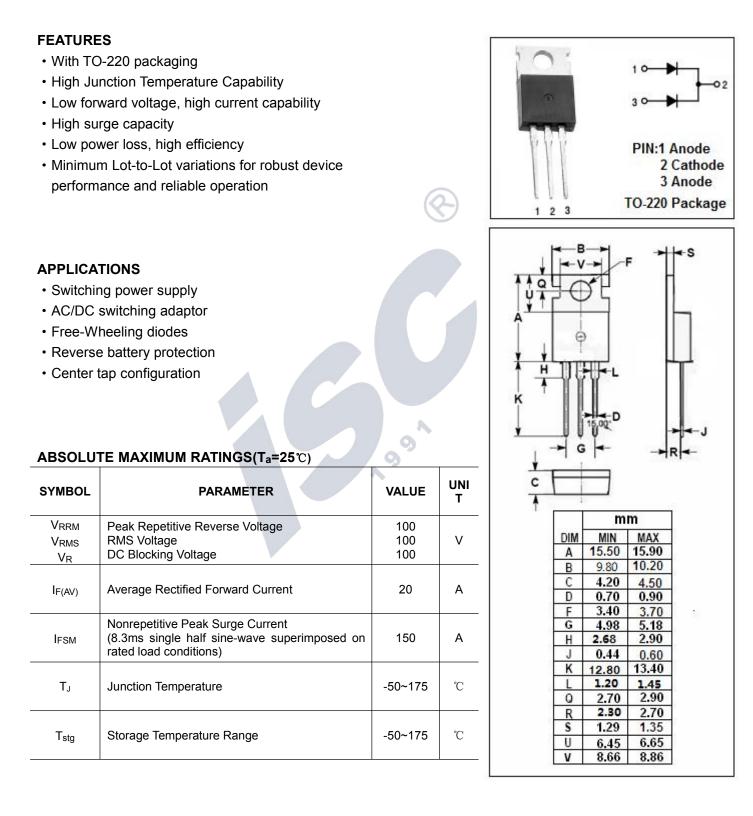


## **Schottky Barrier Rectifier**

### INCHANGE SEMICONDUCTOR

# MBR20U100CTH



isc website: <u>www.iscsemi.com</u>

# <sup>1</sup> *isc & iscsemi* is registered trademark

# MBR20U100CTH

### THERMAL CHARACTERISTICS

SYMBOL	PARAMETER	MAX	UNIT
R <sub>th j-c</sub>	Thermal Resistance, Junction to Case	4.5	°C/W

### ELECTRICAL CHARACTERISTICS (Pulse Test: Pulse Width=300 µ s,Duty Cycle≤1%)

SYMBOL	PARAMETER	CONDITIONS	МАХ	UNIT
VF	Maximum Instantaneous Forward Voltage	I⊧= 10A ;Tc= 25 ℃ I⊧= 10A ;Tc= 125 ℃	0.72 0.56	V
I <sub>R</sub>	Maximum Instantaneous Reverse Current	V <sub>R</sub> = rated V <sub>RRM</sub> ; Tj= 25℃ V <sub>R</sub> = rated V <sub>RRM</sub> ; Tj= 125℃	0.05 10	mA

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