## 查询MBR0520L供应商

# 捷多邦,专业PCB打样工厂,24小时加急出货



Absolute Maximum Ratings* T <sub>A</sub> = 25°C unless otherwise noted				
Symbol	Parameter	Value	Units	
V <sub>RRM</sub>	Maximum Repetitive Reverse Voltage	20	V	
I <sub>F(AV)</sub>	Average Rectified Forward Current	500	mA	
I <sub>FSM</sub>	Non Repetitive Peak Forward Current (Surge applied at rated load conditions half wave, single phase, 60 Hz)	5.5	A	
T <sub>stg</sub>	Storage Temperature Range	-65 to +150	°C	
T <sub>j max</sub>	Operating Junction Temperature	-65 to +125	°C	

\*These ratings are limiting values above which the serviceability of any semiconductor device may be impaired.

# **Thermal Characteristics**

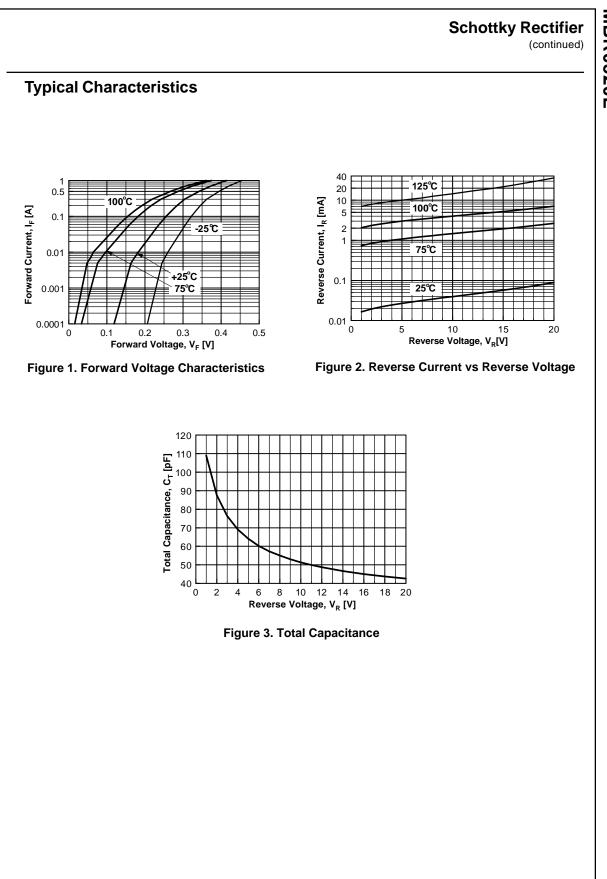
Absolute Maximum Ratings\*

Symbol	Parameter	Value	Units
R <sub>eJA</sub>	Thermal Resistance Junction to Ambient*	340	°C/W
$R_{ ext{ hetaJL}}$	Thermal Resistance Junction to Lead	150	°C/W
*FR-4 or FR-5 = 3	3.5 x 1.5 inches using minimum recommended Land Pads.	WWW	,BZSO.

## Electrical Characteristics T<sub>A</sub> = 25°C unless otherwise noted

Symbol	Parameter		Value	Units
V <sub>F</sub>	Forward Voltage	@ I <sub>F</sub> = 100 mA,	300	mV
	ALC: NO	I <sub>F</sub> = 100 mA, T <sub>A</sub> = 100 °C	220	mV
		$I_{\rm F} = 500  {\rm mA},$	385	mV
		I <sub>F</sub> = 500 mA, T <sub>A</sub> = 100 °C	330	mV
I <sub>R</sub>	Reverse Current	@ V <sub>R</sub> = 10 V,	75	μA
		$V_{\rm R} = 10 \text{ V},  \text{T}_{\text{A}} = 100 ^{\circ}\text{C}$	5.0	mA
		$V_{R} = 20 V,$	250	μA
		$V_{R} = 20 V, T_{A} = 100 \ ^{\circ}C$	8.0	mA

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# **MBR0520L**

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## **PRODUCT STATUS DEFINITIONS**

### Definition of Terms

Datasheet Identification	Product Status	Definition
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