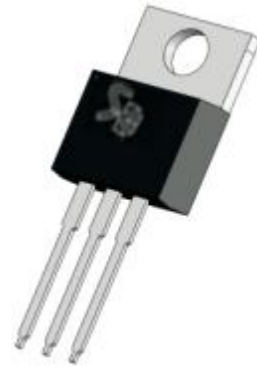




BARRIER RECTIFIERS

FEATURES

- Low forward voltage drop
- Low power loss, high efficiency
- High surge capability
- High current capability



TO-220

Package No to Scale

Ordering Information

Part Number	Package
MBR10100L-T	TO-220

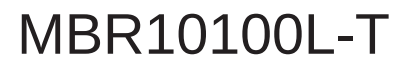
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified

Parameter	Symbol	Value	Unit
Max. Repetitive Peak Reverse Voltage @0.5mA	VRRM	100	V
Reverse Voltage	VR	100	V
Max. Average Forward Rectified Current	IF(AV)	10	A

Characteristics at Ta=25

Parameter	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage Drop @ IF=3A @ IF=10A	VF		0.50 0.71	0.54	V
Max. Reverse Current at VRRM @100V	IR		5	30	μA
Operating Temperature Range	TJ	-55		+150	
Storage Temperature Range	TSTG	-55		+150	



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