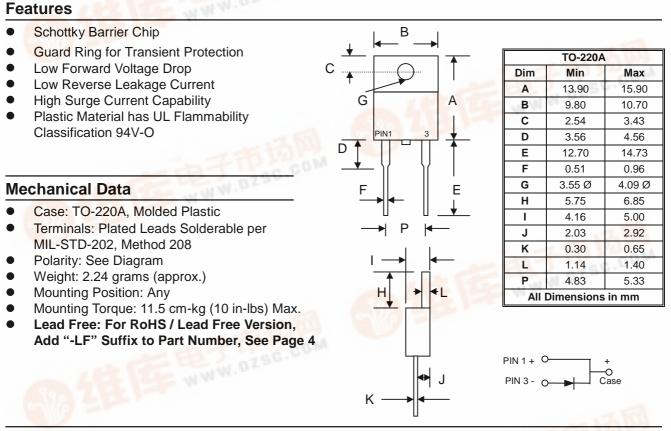
查询WTESB10150供应商



# SB10150 👫 🔊

# **10A HIGH VOLTAGE SCHOTTKY BARRIER RECTIFIER**

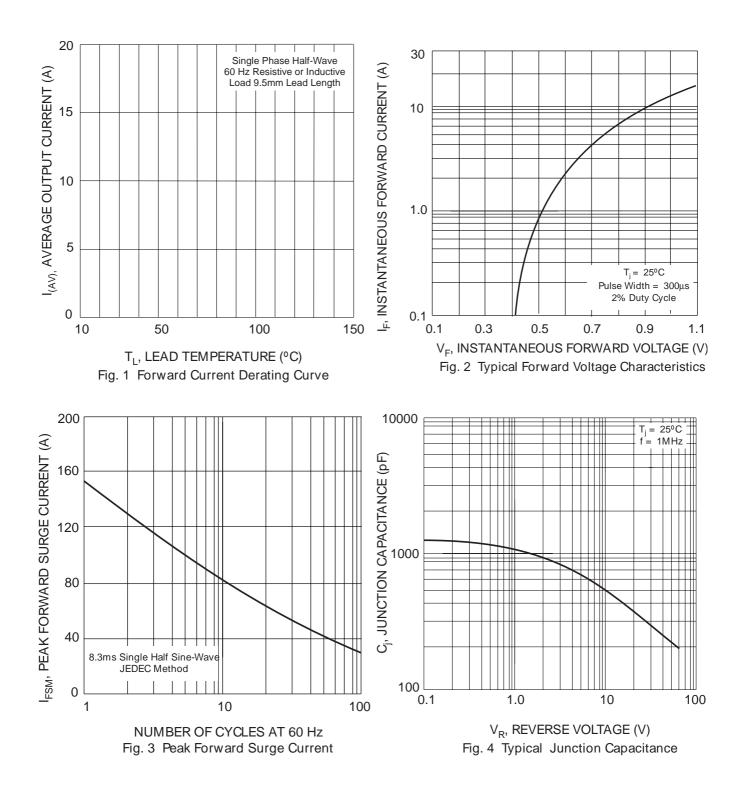


## Maximum Ratings and Electrical Characteristics @T<sub>A</sub>=25°C unless otherwise specified

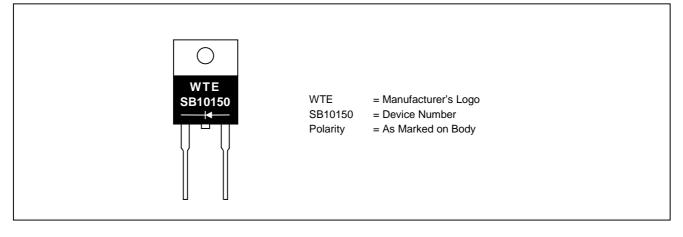
Single Phase, half wave, 60Hz, resistive or inductive load. For capacitive load, derate current by 20%.

Characteristic	Symbol	SB10150	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Blocking Voltage	Vrrm Vrwm Vr	150	V
RMS Reverse Voltage	VR(RMS)	105	V
Average Rectified Output Current $@T_L = 95^{\circ}C$	lo	10	A
Non-Repetitive Peak Forward Surge Current 8.3ms Single half sine-wave superimposed on rated load (JEDEC Method)	IFSM	150 WNS W-D 2-	A
Forward Voltage @I <sub>F</sub> = 10A	VFM	0.92	V
Peak Reverse Current $@T_A = 25^{\circ}C$ At Rated DC Blocking Voltage $@T_A = 100^{\circ}C$	IRM	0.5 50	mA
Typical Junction Capacitance (Note 1)	Cj	700	pF
Typ <mark>ical Ther</mark> mal Resistance (Note 2)	R	2.0	°C/W
Operating and Storage Temperature Range	Тј, Тѕтс	-65 to +150	°C

ANote: 1. Measured at 1.0 MHz and applied reverse voltage of 4.0V D.C.



### MARKING INFORMATION



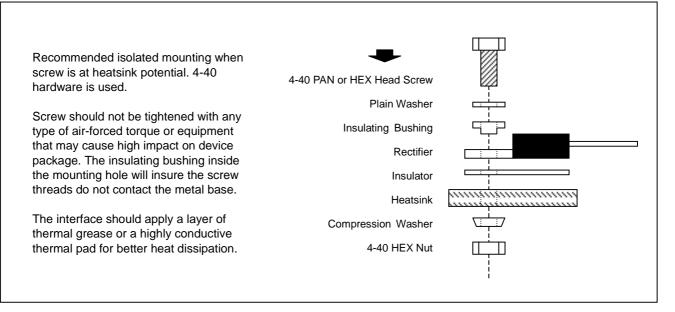
#### **PACKAGING INFORMATION**

#### BULK

(KG)
19.0

 Anti-static tube, water clear color. Note:

# **RECOMMENDED SCREW MOUNTING ARRANGEMENT**



#### **ORDERING INFORMATION**

Product No.	Package Type	Shipping Quantity
SB10150	TO-220A	50 Units/Tube

1. Shipping quantity given is for minimum packing quantity only. For minimum To order quantity, please consult the Sales Department. To order RoHS / Lead Free version (with Lead Free finish), add "-LF" suffix

2. to part number above. For example, SB10150-LF.

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WARNING: DO NOT USE IN LIFE SUPPORT EQUIPMENT. WTE power semiconductor products are not authorized for use as critical components in life support devices or systems without the express written approval.

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