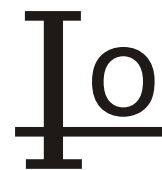


P20L150FCT



20.0 AMP SCHOTTKY BARRIER RECTIFIERS

FEATURES

- Low Forward Voltage.
- Low Switching noise.
- High Current Capacity
- Guard-Ring for Stress Protection.
- Low Power Loss & High efficiency.
- Lead Free Finish/RoHS Compliant

MECHANICAL DATA

- Case: Molded Plastic
- Polarity: Symbols molded or marked on body
- Mounting position : Any
- Weight: 1.81 grams

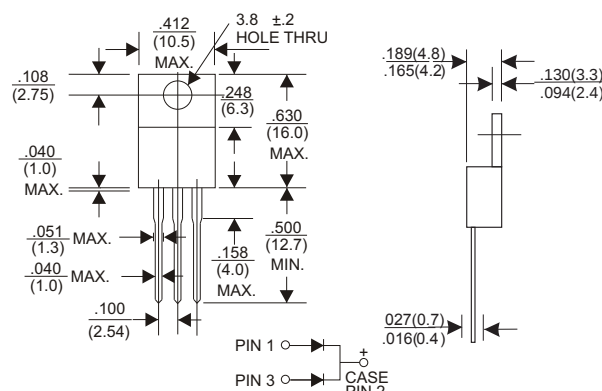
VOLTAGE RANGE

150 Volts

CURRENT

20.0 Ampere

ITO-220AB



Dimensions in inches and (millimeters)

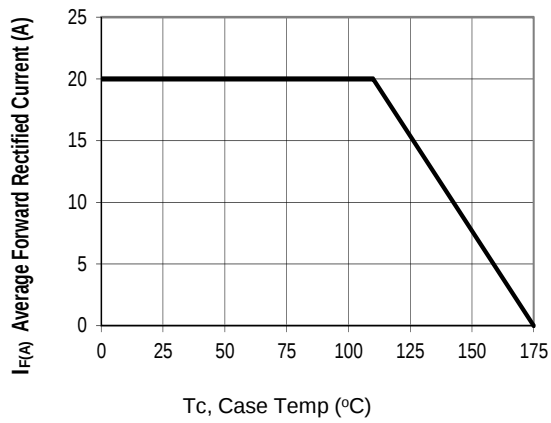
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

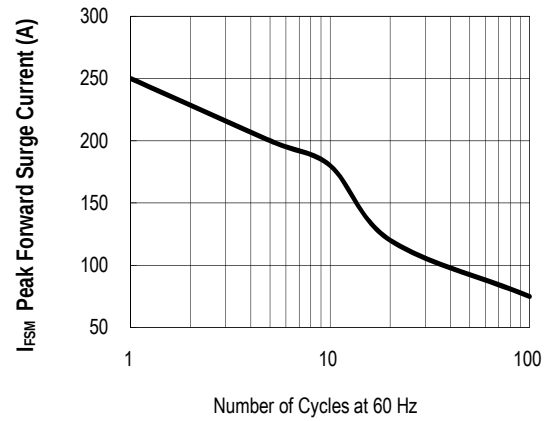
Characteristic			Symobl	P20L150FCT	Unit
Peak Repetitive Reverse Voltage			VRRM		
Working Peak Reverse Voltage			VRWM	150	V
DC Blocking Voltage			VR		
Maximum RMS Voltage			VRMS	105	V
Maximum Average Forward Rectified Current			I (AV)	20	A
Non-Repetitive Peak Surge Current (Surge applied at rate load conditions halfware, single phase, 60Hz)			IFSM	250	A
Maximum forward voltage	IF=10A	TJ= 25℃	VF	0.80	V
		TJ= 125℃		0.68	
Maximum DC Reverse Current @TC=25℃ at Rated DC Blocking Voltage @TC=125℃			IR	0.50 100	MA
Typical Thermal Resistance			ROJC	2.0	℃/W
Operating Temperature Range			TJ	-65to+150	℃
Storage Temperature Range			TSTG	-65to+150	℃

RATINGS AND CHARACTERISTIC CURVES (P20L150FCT)

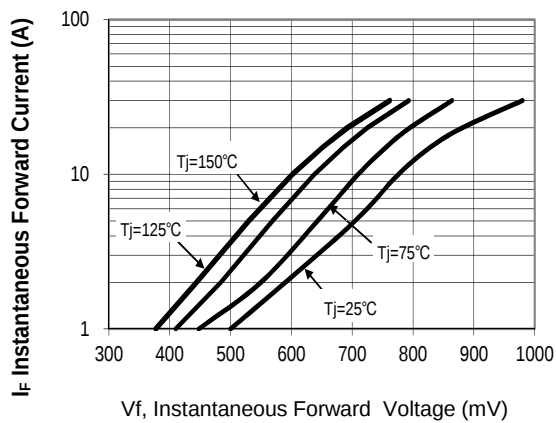
FORWARD CURRENT DERATING CURVE



MAXIMUM NON REPETITIVE
PEAK FORWARD SURGE CURRENT



TYPICAL FORWARD CHARACTERISTIC



TYPICAL REVERSE CURRENT

