

5 é / Descriptions

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Schottky Barrier Diode in a TO-220 Plastic Package, Adopt new mold.

α<sup>a</sup> / Features

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Low power loss, high efficiency, HF product.

Đ ÷ / Applications

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For use in low voltage,high frequency inverters, free wheeling, and polarity protection applications.

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PIN1 ÖAnode

PIN 2 ÖCathode

PIN 3 ÖAnode

, M V / Marking

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See Marking Instructions.

Absolute Maximum Ratings(Ta=25 ; )

@ f Parameter	... Z Symbol	f › Rating	% y Unit
Peak Repetitive Reverse Voltage	V <sub>RRM</sub>	200	V
Working Peak Reverse Voltage	V <sub>RWM</sub>	200	V
Average Rectified Output Current @60Hz sine wave,R-load, Ta=25	I <sub>o</sub>	20	A
Non-Repetitive Peak Forward Surge Current	I <sub>FSM</sub>	150	A
Current Squared Time @1ms 0 t<8.3ms Tj=25	I <sup>2</sup> T	94	A s
Thermal Resistance Junction to Case	R <sub>Jc</sub>	2.0	/W
Junction Temperature Range	T <sub>j</sub>	175	
Storage Temperature Range	T <sub>stg</sub>	-55 175	

Electrical Characteristics(Ta=25 ; )

@ f Parameter	... Z Symbol	y j Ú ^ Test Conditions	Â 4 › Min	Á ° › Typ	Â Ý › Max	% y Unit
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =10A(T <sub>j</sub> =25 )			0.95	V
Instantaneous Reverse Current	I <sub>R</sub>	V <sub>R</sub> =200V(T <sub>j</sub> =25 )			0.1	mA
		V <sub>R</sub> =200V(T <sub>j</sub> =125 )			20	mA

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ø □ = ) φ / Package Dimensions

Dimensions in millimeters (1mm =0.0394" )



