捷多邦,专业PCB打样工厂,24小时加急出货

查询SBM30-03供应商

Ordering number : ENN6967A

Schottky Barrier Diode

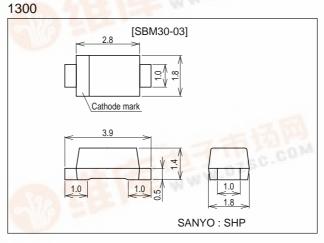


Features

- Supports automatic mounting and permits SBM30-03 applied sets to be made smaller.
- Low forward voltage (VF max=0.4V).
- Average rectified current : IO=3A.

Package Dimensions

unit : mm



Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	VRM		30	V
Average Rectified Current	IO	50Hz sine wave, Ta=25°C	2.1	А
		Load resistor, Tc=100°C	3.0	А
Surge Forward Current	IFSM	50Hz sine wave		А
		non-repetitive, 1cycle peak value	30	
Junction Temperature	Tj		150	°C
Storage Temperature	Tstg	and the State State	-55 to +150	°C

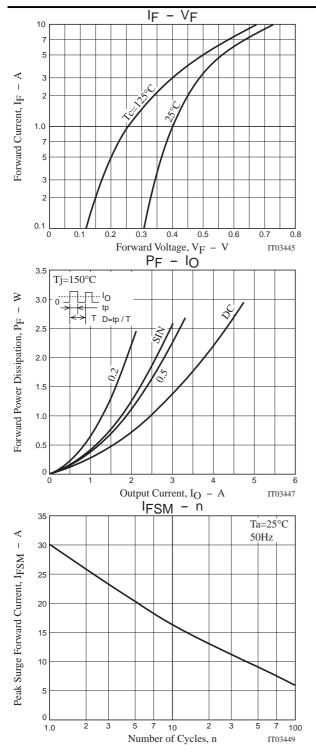
Electrical Characteristics at Ta=25°C

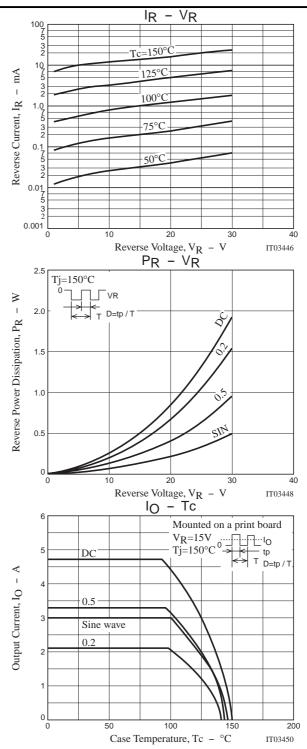
Parameter		Conditions		Ratings		
	Symbol		min	typ	max	Unit
Ferrurad Maltana	VF	IF=0.5A			0.4	V
Forward Voltage		IF=1.5A			0.46	V
Reverse Curr <mark>ent</mark>	IR	V _R =30V			0.05	mA
	θi-l	Junction-Lead			20	°C/W
Thremal Resistance	θi-a	Junction-Ambient, mounted on an			00	°C/W
		almina board.			80	°C/vv

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SBM30-03





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