

SANYO Semiconductors DATA SHEET

SBH0203R — Schottky Barrier Diode 30V, 0.2A Rectifier

Features

- · Supports automatic mounting and permits SBH0203R applied sets to be made smaller.
- Low forward voltage (VF max=0.5V).
- Average output current : IO=0.2A.

Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	VRM		30	V
Average Output Current	IO		0.2	Α
Surge Forward Current	IFSM	60Hz sine wave, 1cycle	1	Α
Junction Temperature	Tj		125	°C
Storage Temperature	Tstg		-40 to +125	°C

Electrical Characteristics at Ta=25°C

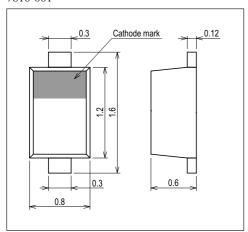
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Offic
Forward Voltage	VF	IF=0.2A			0.5	V
Reverse Current	IR	V _R =10V			30	μА

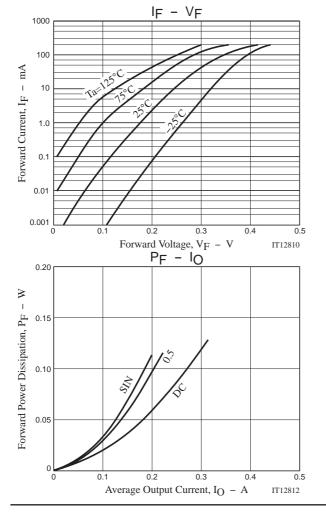
Marking : C

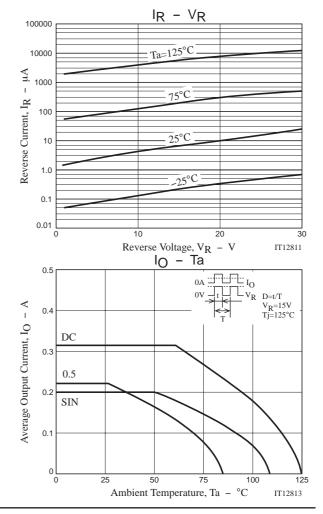
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Package Dimensions

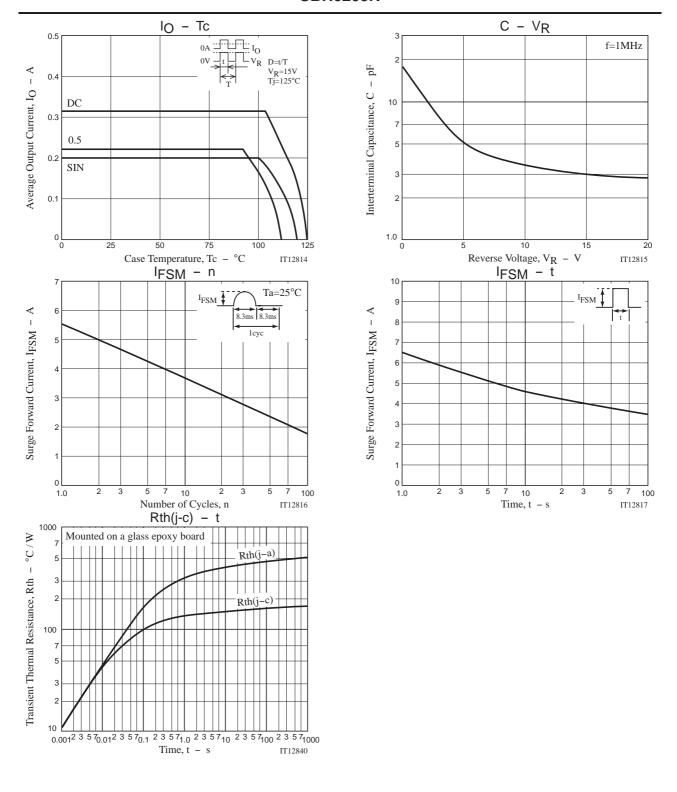
unit : mm (typ) 7810-001







SBH0203R



SBH0203R

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