



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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SANYO Semiconductors

DATA SHEET

SBR200-10JS

— Schottky Barrier Diode (Twin Type · Cathode Common)

100V, 20A Rectifier

Applications

- High frequency rectification (switching regulators, converters, choppers).

Features

- Low reverse current.
- Low switching noise.
- High reliability due to planar structure.
- Attachment workability is good by Mica-less package.

Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Conditions	Ratings	Unit
Repetitive Peak Reverse Voltage	VRRM		100	V
Nonrepetitive Peak Reverse Surge Voltage	VSRM		105	V
Average Output Current	IO	50Hz resistive load, Sine wave Tc=74°C	20	A
Surge Forward Current	IFSM	50Hz sine wave, 1 cycle	180	A
Junction Temperature	TJ		-55 to +150	°C
Storage Temperature	Tstg		-55 to +150	°C

Electrical Characteristics at Ta=25°C

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Reverse Voltage	VR	IR=3mA, Tj=25°C*	100			V
Forward Voltage	VF	IF=10A, Tj=25°C*			0.88	V
Reverse Current	IR	VR=100V, Tj=25°C*			1	mA
Interterminal Capacitance	C	VR=10V, Tj=25°C*		280		pF
Thermal Resistance	Rth(j-c)	Junction-Case : Smoothed DC			3.5	°C / W

Note) * : Value per element

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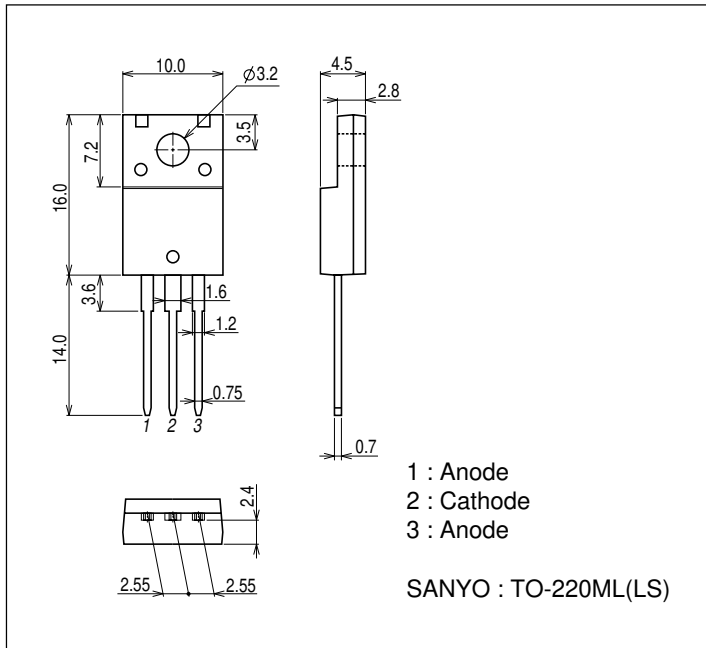
TOKYO OFFICE Tokyo Bldg., 1-10, 1 Chome, Ueno, Taito-ku, TOKYO, 110-8534 JAPAN

SBR200-10JS

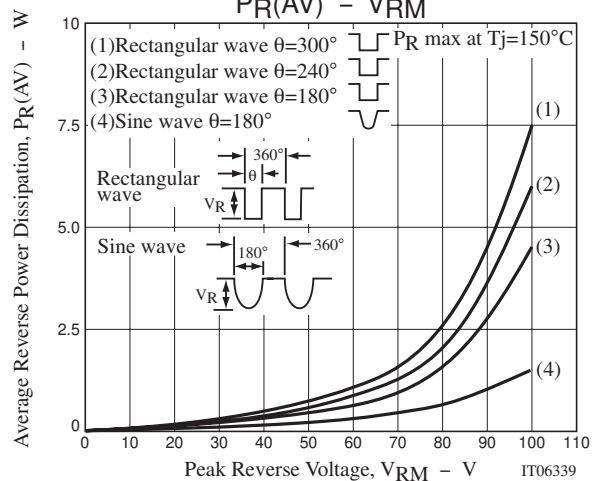
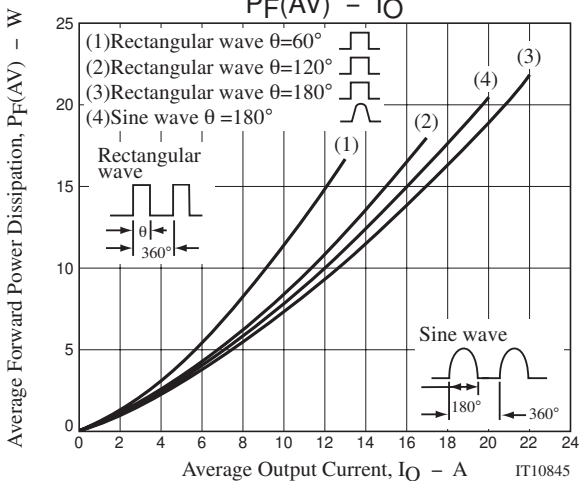
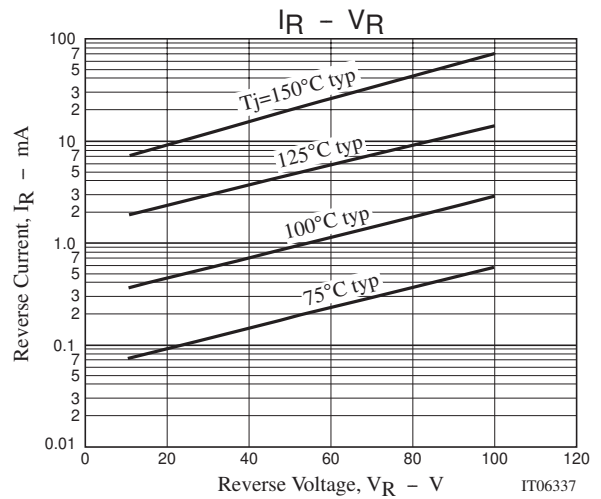
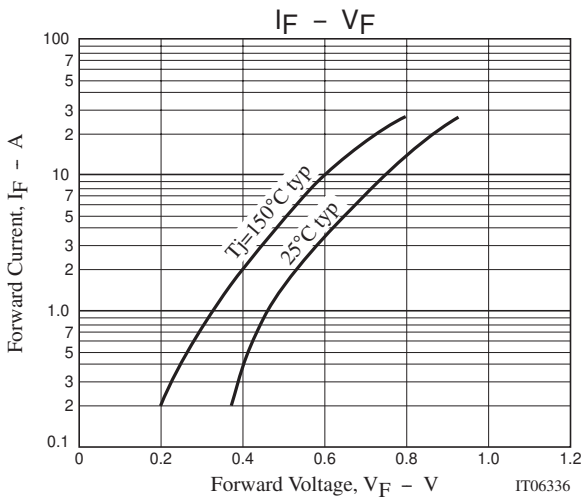
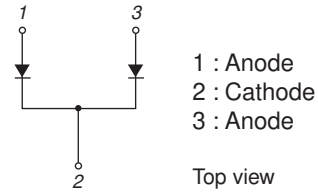
Package Dimensions

unit : mm (typ)

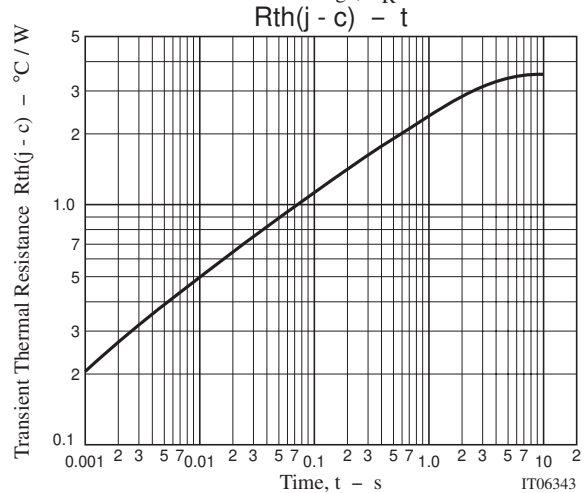
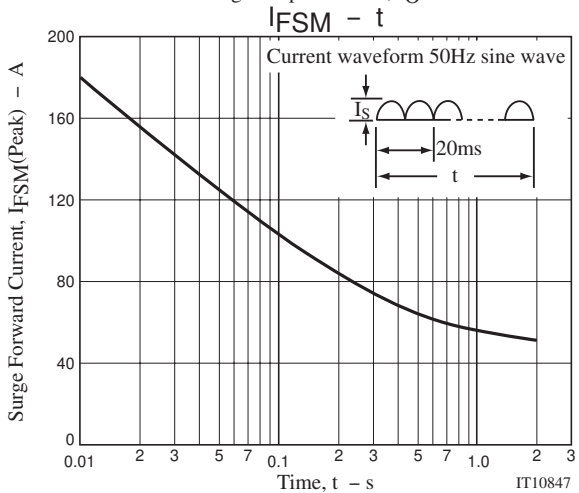
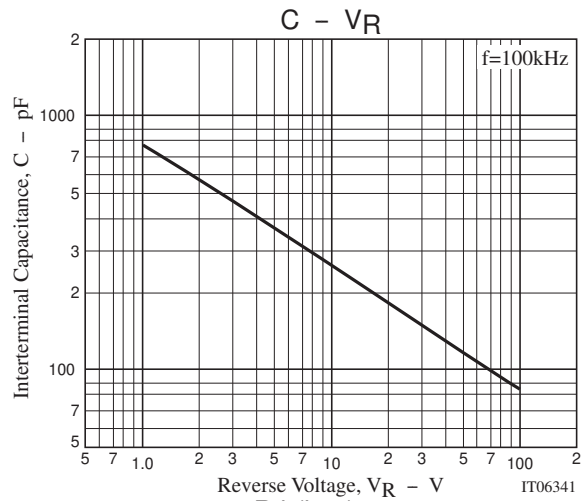
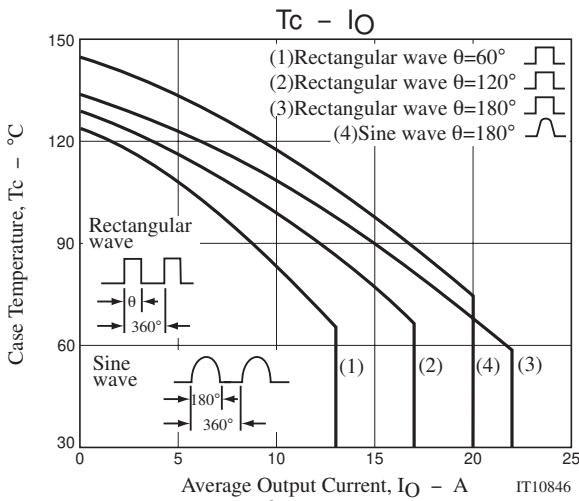
7525-001



Electrical Connection



SBR200-10JS



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