捷多邦,专业PCB打样工厂,24小时加急出货

查询SB05-09供应商

Ordering number :EN1925B

SB05-09

Shottky Barrier Diode

90V, 500mA Rectifier

Applications

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

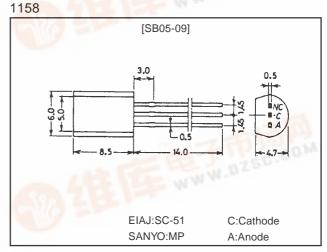
WW.DZSC.COM

Features

- · Low forward voltage (V_F max=0.7V).
- \cdot Fast reverse recorvery time (trr max=10ns).
- · Low switching noise.
- Low leakage current and high reliability due to highly reliable planar structure.

Package Dimensions

unit:mm



Specifications

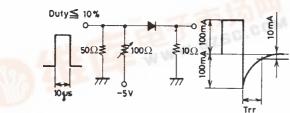
Absolute Maximum Ratings at Ta = 25°C

Parameter	Symbol	Conditions	Ratings	Unit
Repetitive Peak Reverse Voltage	VRRM		-90	V
Nonrepetitive Peak Reverse Surge Voltage	VRSM		-95	V
Average Output Current	IO	50Hz, resistive load, Ta=60°C	500	mA
Surge Forward Current	IFSM	50Hz sine wave, 1cycle	10	A
Junction Temperature	Tj		–55 to +125	°C
Storage Temperature	Tstg		–55 to +125	°C

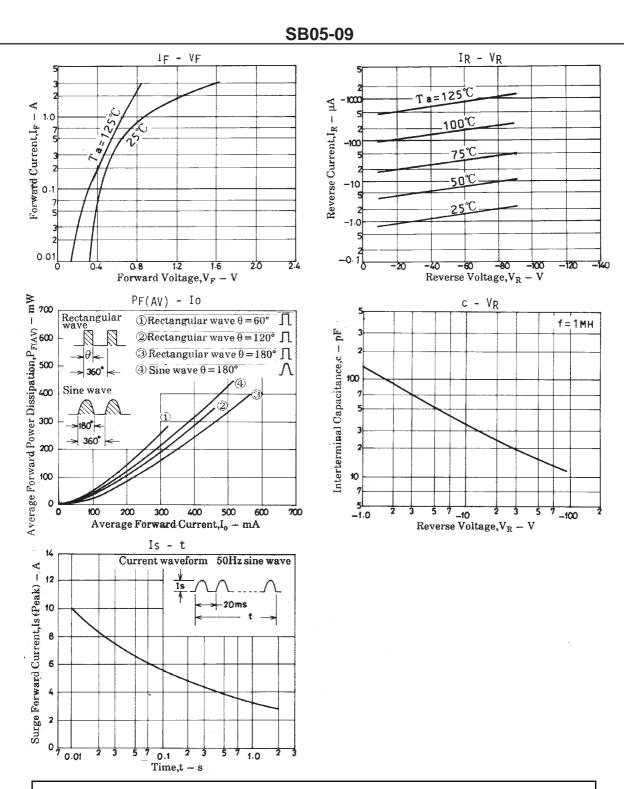
Electrical Characteristics at Ta = 25°C

Parameter	Symbol	Conditions		Ratings		
			min	typ	max	Unit
Reverse Voltage	VR	I _R =-300μA	-90			V
Forward Voltage	VF	IF=500mA			0.7	V
Reverse Current	IR	V _R =-45V		1	-80	μA
Interterminal Capacitance	С	V _R =-10V, f=1MHz	12-	34	- C. S	pF
Reverse Recorvery Time	trr	I _F =I _R =100mA, See specified Test Circuit	PC-	4.07	10	ns
Thermal Resistance	Rthj-a		10.00	110		°C/W

trr Test Circuit



SANYO Electric Co., Ltd. Semiconductor Bussiness Headquarters TOKYO OFFICE Tokyo Bldg., 1-10, 1 Chome, Ueno, Taito-ku, TOKYO, 110-8534 JAPAN



- No products described or contained herein are intended for use in surgical implants, life-support systems, aerospace equipment, nuclear power control systems, vehicles, disaster/crime-prevention equipment and the like, the failure of which may directly or indirectly cause injury, death or property loss.
- Anyone purchasing any products described or contained herein for an above-mentioned use shall:
 - ① Accept full responsibility and indemnify and defend SANYO ELECTRIC CO., LTD., its affiliates, subsidiaries and distributors and all their officers and employees, jointly and severally, against any and all claims and litigation and all damages, cost and expenses associated with such use:
 - ② Not impose any responsibility for any fault or negligence which may be cited in any such claim or litigation on SANYO ELECTRIC CO., LTD., its affiliates, subsidiaries and distributors or any of their officers and employees jointly or severally.
- Information (including circuit diagrams and circuit parameters) herein is for example only; it is not guaranteed for volume production. SANYO believes information herein is accurate and reliable, but no guarantees are made or implied regarding its use or any infringements of intellectual property rights or other rights of third parties.

This catalog provides information as of March, 1998. Specifications and information herein are subject to change without notice.