查询SB07W03V供应商

Ordering number : EN3615A

Schottky Barrier Diode (Twin Type · Cathode Common)

SB07W03V

unit

120

°C/W

30V, 700mA Rectifier

Applications

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

NWW.DZSC

Features

- Low forward voltage (VF max=0.55V).
- Fast reverse recovery time (t_{rr} max=10ns).
- Low switching noise.
- Low leakage current and high reliability due to highly reliable planar structure.

Absolute Maximum Ratings at Ta=25°C (Value per element)

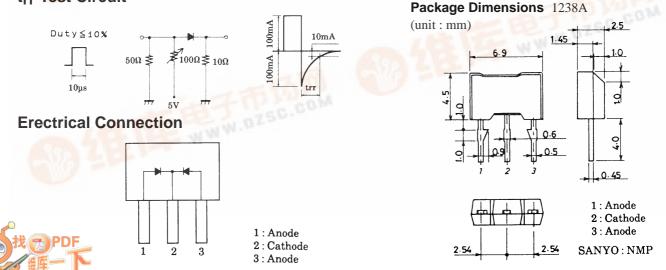
Rthj-a

Repetitive Peak Reverse Voltage	V _{RRM}		30	V	
Nonrepetitive Peak Reverse	VRSM		35	V	
Surge Voltage					
Average Output Current	Io		700	mA	
Surge Forward Current	IFSM	50Hz sine wave, 1 cycle	5	А	
Junction Temperature	Tj		-55 to +125	°C	
Storage Temperature	Tstg		-55 to +125	°C	

Electrical Characteristic	min	typ	max	unit		
Reverse Voltage	VR	I _R =300μA	30			V
Forward Voltage	VF	IF=700mA			0.55	V
Reverse Current	IR	V _R =15V			50	μΑ
Interterminal Capacitance	с	$V_R=10V, f=1MHz$		28		pF
Reverse Recovery Time	t _{rr}	$I_{F}=I_{R}=100 \text{mA},$			10	ns
		See specified Test Circuit.				

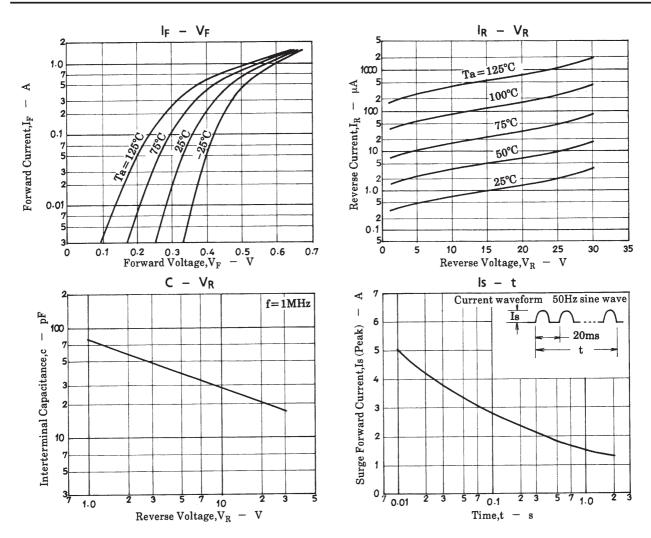
Thermal Resistance

trr Test Circuit



SANYO Electric Co., Ltd. Semiconductor Bussiness Headquarters

SB07W03V



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