

SANYO

SB0030-04A

Schottky Barrier Diode

40V, 30mA Rectifier

Applications

- Small current rectification.

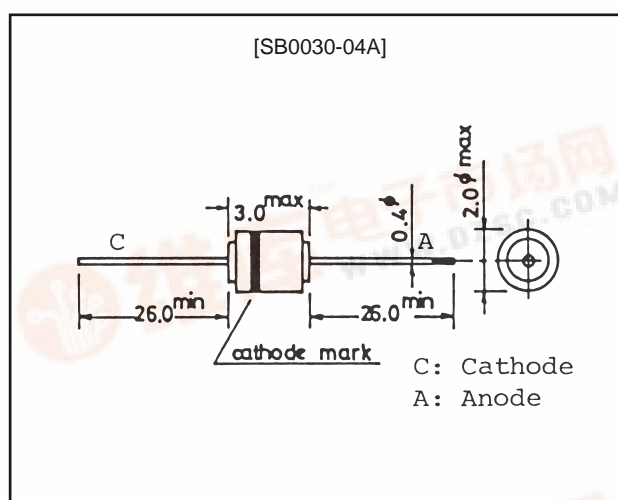
Features

- Glass-sleeve structure.
- Facilitating high-density mounting.

Package Dimensions

unit: mm

1114



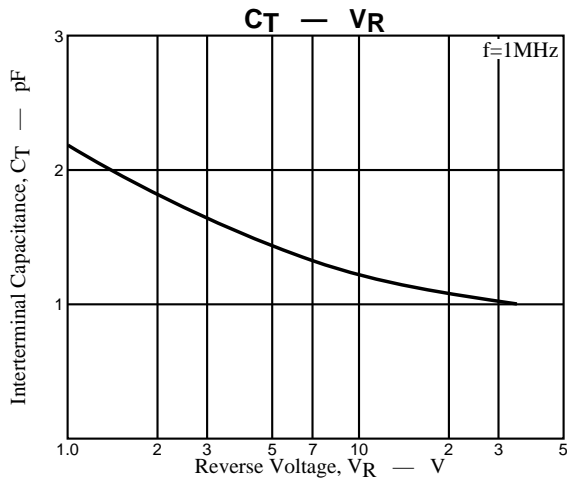
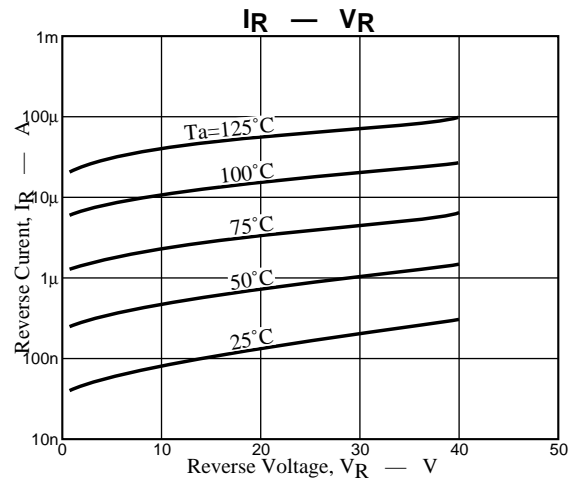
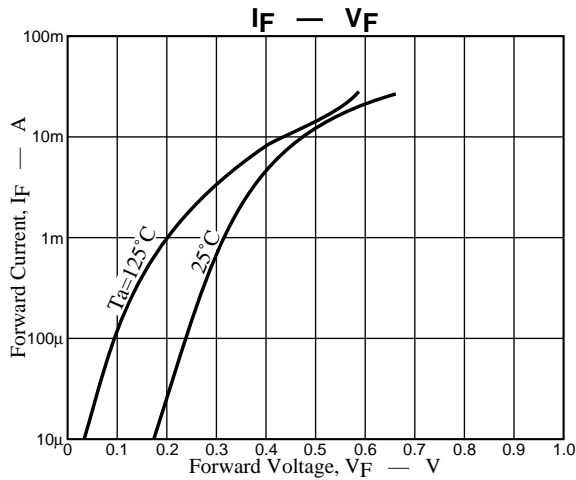
Absolute Maximum Ratings at $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Ratings	Unit
Peak Reverse Voltage	V_{RM}		40	V
Reverse Voltage	V_R		40	V
Average Rectified Current	I_O		30	mA
Junction Temperature	T_J		125	$^\circ\text{C}$
Storage Temperature	T_{stg}		-55 to +125	$^\circ\text{C}$

Electrical Characteristics $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	V_F	$I_F=1\text{ mA}$			0.37	V
Reverse Current	I_R	$V_R=25\text{ V}$			0.5	μA
Interterminal Capacitance	C_T	$V_R=1\text{ V}, f=1\text{ MHz}$		2.0		pF

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