

RB521G-30

SCHOTTKY BARRIER DIODE

FEATURES

- Rectifying small power
- Ultra small mold type
- Low V_F
- High reliability
- In compliance with EU RoHS 2002/95/EC directives

MECHANICAL DATA

Case: SOD-723, Plastic

Terminals: Solderable per MIL-STD-750, Method 2026

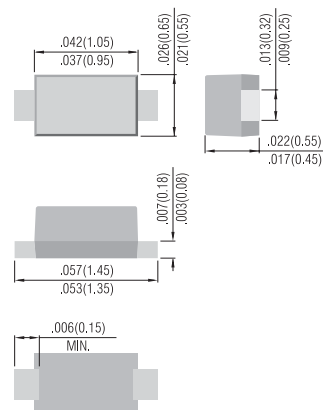
Polarity: See Diagram Below

Approx.Weight : 0.00077 gram

Marking : BN

SOD-723

Unit: inch (mm)



ABSOLUTE MAXIMUM RATINGS ($T_A = 25^{\circ}\text{C}$)

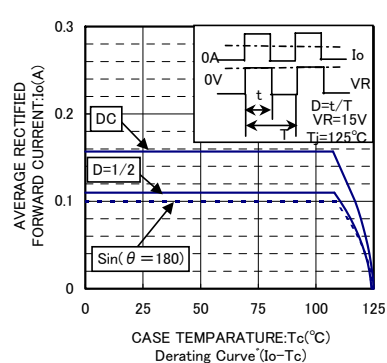
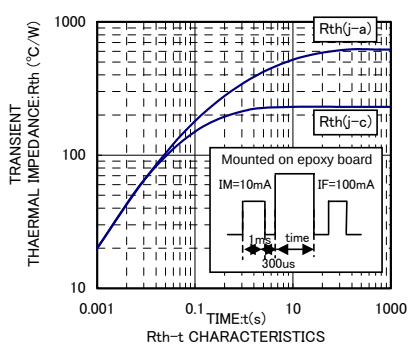
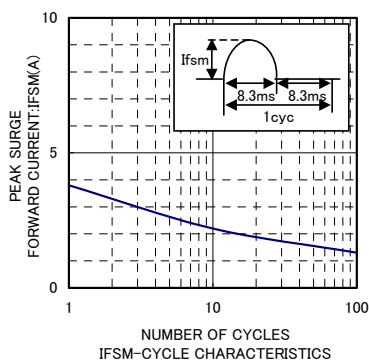
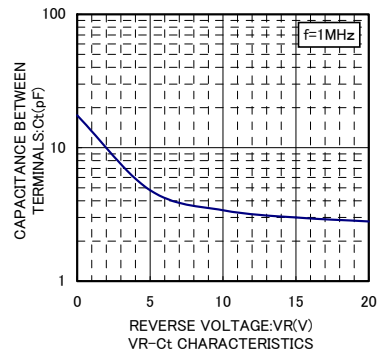
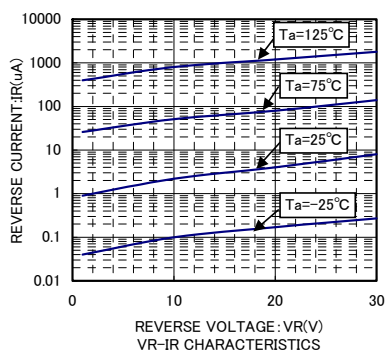
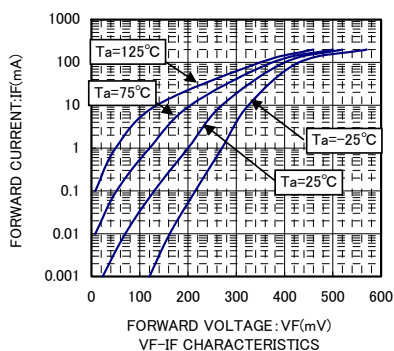
PARAMETER	SYMBOL	LIMITS	UNITS
Reverse Voltage (DC)	V_R	30	V
Average Rectified Forward Current	I_O	100	mA
Forward Current Surge Peak (60Hz . 1cyc)	I_{FSM}	500	mA
Operating Junction and Storage Temperature Range	T_J, T_{STG}	-40 to 125	$^{\circ}\text{C}$

ELECTRICAL CHARACTERISTICS ($T_A = 25^{\circ}\text{C}$)

PARAMETER	SYMBOL	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Forward Voltage	V_F	$I_F = 10\text{mA}$	-	-	0.35	V
Reverse Current	I_R	$V_R = 10\text{V}$	-	-	10	μA

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●Electrical characteristic curves (Ta=25°C)

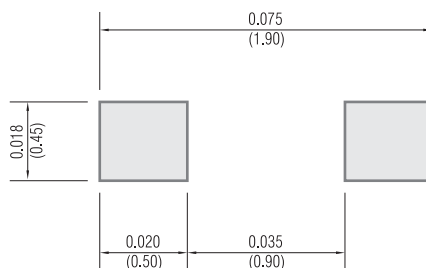


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MOUNTING PAD LAYOUT

SOD-723

Unit: inch (mm)



ORDER INFORMATION

- Packing information

T/R - 8K per 7" plastic Reel

LEGAL STATEMENT

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