0.7±0.1

0 to 0.1

0.35±0.1

Unit: mm

5±0.2 7±0.

n.

0.4±0.

15)

ē

MA2J729 (MA729)

Silicon epitaxial planar type

For super high speed switching For small current rectification

Features

- Forward current (Average) $I_{F(AV)} = 200$ mA rectification is possible
- High-density mounting is possible

Absolute Maximum Ratings $T_a = 25^{\circ}C$						
Parameter	Symbol	Rating	Unit			
Reverse voltage	V _R	30	V			
Repetitive peak reverse voltage	V _{RRM}	30	V			
Peak forward current	I _{FM}	300	mA			
Forward current (Average)	I _{F(AV)}	200	mA			
Non-repetitive peak forward surge current *	I _{FSM}	1	A			
Junction temperature	Tj	150	°C			
Storage temperature	T _{stg}	-55 to +150	°C			

°0‡ 2 0.16+0.1 0.5+0.1 c ç

1: Anode 2: Cathode EIAJ: SC-76 SMini2-F1 Package

Marking Symbol: 2B

Note) *: The peak-to-peak value in one cycle of 50 Hz sine wave (non-repetitive)

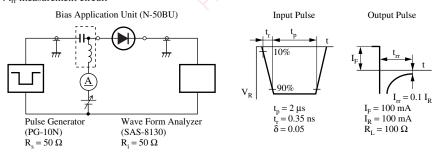
Electrical Characteristics $T_a = 25^{\circ}C \pm 3^{\circ}C$

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Forward voltage	V _F	$I_{\rm F} = 200 {\rm mA}$	S- 2	5	0.55	V
Reverse current	IR	$V_R = 30 V$	S.		50	μΑ
Terminal capacitance	C _t	$V_R = 0 V, f = 1 MHz$	0.X	30		pF
Reverse recovery time *	t _{rr}	$I_F = I_R = 100 \text{ mA}$		3.0		ns
		$I_{rr} = 0.1 I_R, R_L = 100 \Omega$				

Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 measuring methods for diodes.

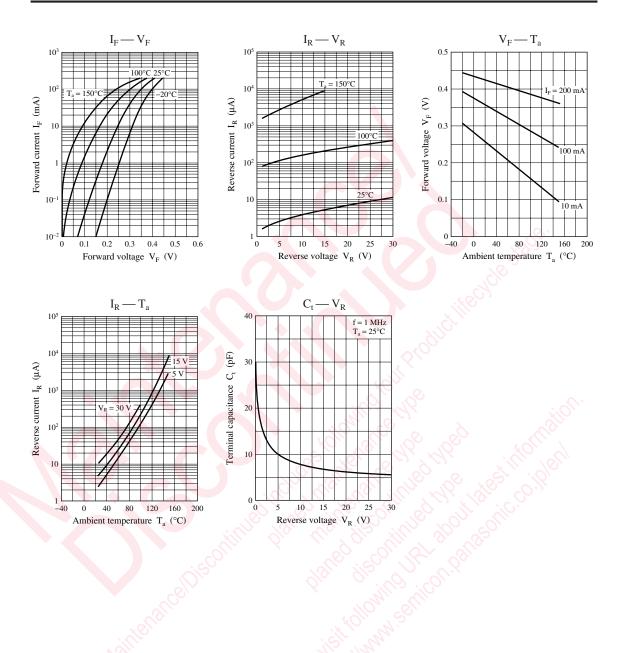
2. This product is sensitive to electric shock (static electricity, etc.). Due attention must be paid on the charge of a human body and the leakage of current from the operating equipment.

3. Absolute frequency of input and output is 1 GHz. 4. *: trr measurement circuit



Note) The part number in the parenthesis shows conventional part number.

Panasonic



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