MA2J729 (MA729)

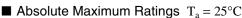
Silicon epitaxial planar type

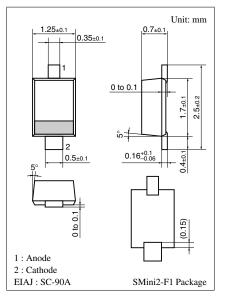
For super high speed switching For small current rectification

Features

- $I_{F(AV)} = 200$ mA rectification is possible
- High-density mounting is possible
- S-Mini type 2-pin package

Symbol	Rating	Unit
V _R	30	V
V _{RRM}	30	V
I _{FM}	300	mA
I _{F(AV)}	200	mA
I _{FSM}	1	А
Tj	150	°C
T _{stg}	-55 to +150	°C
	$\begin{tabular}{c} V_R \\ \hline V_{RRM} \\ \hline I_{FM} \\ \hline I_{F(AV)} \\ \hline I_{FSM} \\ \hline T_j \end{tabular}$	$\begin{tabular}{ c c c c c c } \hline V_R & 30 \\ \hline V_{RRM} & 30 \\ \hline I_{FM} & 300 \\ \hline I_{F(AV)} & 200 \\ \hline I_{FSM} & 1 \\ \hline T_j & 150 \\ \hline \end{tabular}$





Marking Symbol: 2B

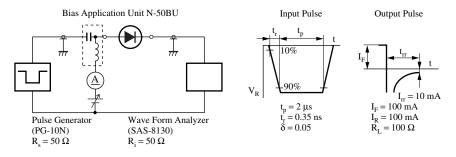
Note) *: The peak-to-peak value in one cycle of 50 Hz sine wave (non-repetitive)

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

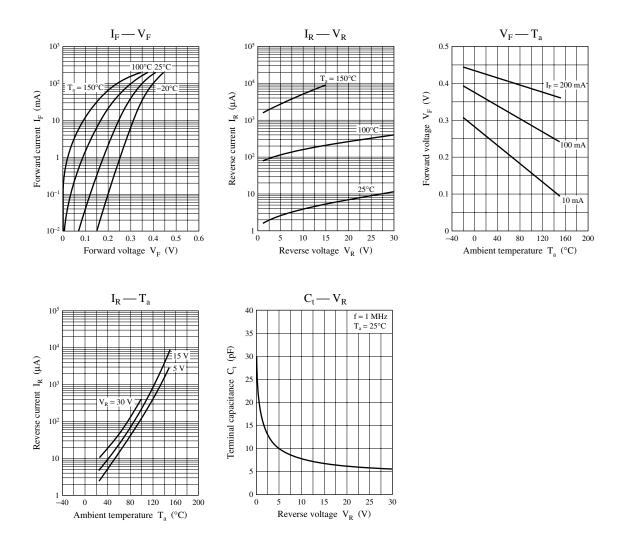
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Reverse current (DC)	I _R	$V_R = 30 V$			50	μA
Forward voltage (DC)	V _F	$I_F = 200 \text{ mA}$			0.55	V
Terminal capacitance	Ct	$V_R = 0 V, f = 1 MHz$		30		pF
Reverse recovery time *	t _{rr}	$I_F = I_R = 100 \text{ mA}$		3.0		ns
		$I_{rr} = 10 \text{ mA}, R_L = 100 \Omega$				

Note) 1. 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.

- 2. Rated input/output frequency: 1 GHz
- 3. *: t_{rr} measuring instrument



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



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