MA2J114 (MA114)

Silicon epitaxial planar type

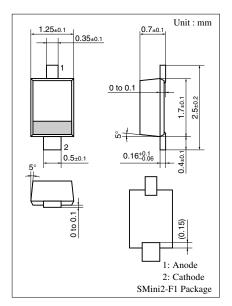
For small power rectification

Features

- Small S-mini type package, allowing high-density mounting
- High reverse voltage V_R

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

Parameter	Symbol	Rating	Unit
Reverse voltage (DC)	V _R	150	V
Peak reverse voltage	V _{RM}	150	V
Output current	I _O	200	mA
Repetitive peak forward current	I _{FRM}	600	mA
Non-repetitive peak forward surge current*	I _{FSM}	1	А
Junction temperature	Tj	150	°C
Storage temperature	T _{stg}	-55 to +150	°C



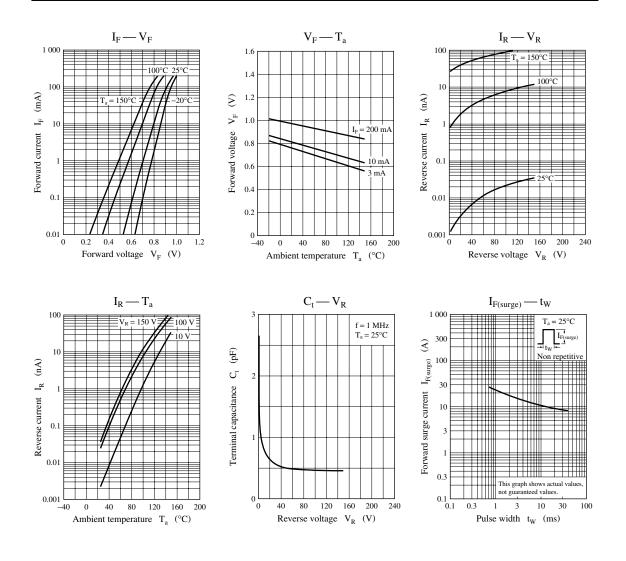
Marking Symbol: 1E

Note) * : t = 1 s

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

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Reverse current (DC)	I _R	V _R = 150 V			200	nA
Forward voltage (DC)	V _F	$I_F = 200 \text{ mA}$			1.2	V
Terminal capacitance	Ct	$V_R = 0 V, f = 1 MHz$		4.5		pF

Note) Rated input/output frequency: 3 MHz



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