MA2J114 (MA114)

Silicon epitaxial planar type

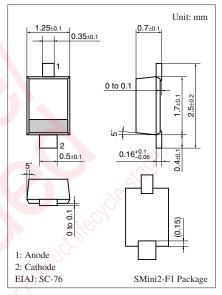
For small power rectification

Features

- 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	V _R	150	V	
Maximum peak reverse voltage	V _{RM}	150	V	
Output current	Io	200	mA	
Repetitive peak forward current	I _{FRM}	600	mA	
Non-repetitive peak forward surge current *	I _{FSM}	1	A	
Junction temperature	Tj	150	°C	
Storage temperature	T _{stg}	-55 to +150	°C	



Marking Symbol: 1E

Note) *: t = 1 s

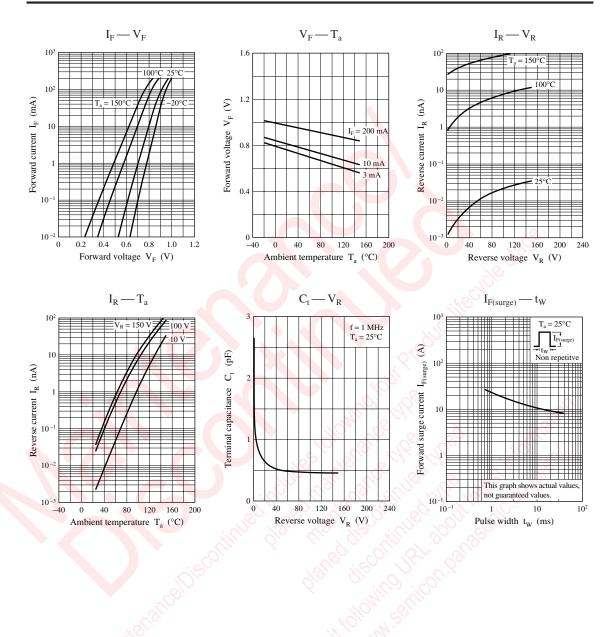
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Forward voltage	V _F	I _F = 200 mA	SI		1.2	V
Reverse current	I _R	V _R = 150 V	Q.X		200	nA
Terminal capacitance	Ct	$V_R = 0 V, f = 1 MHz$		4.5		pF

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

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

2. Absolute frequency of input and output is 3 MHz.

Panasonic



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