MA2J115 (MA115)

Silicon epitaxial planar type

For small power current rectification

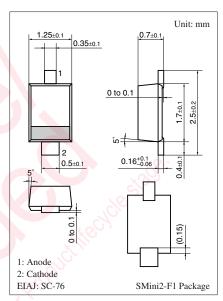
■ Features

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

■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Rating	Unit	
Reverse voltage	V_R	200	V	
Maximum peak reverse voltage	V_{RM}	200	V	
Output current	Io	200	mA	
Repetitive peak forward current	I_{FRM}	600	μΑ	
Non-repetitive peak forward surge current *	I _{FSM}	1	A	
Junction temperature	Tj	150	°C	
Storage temperature	$T_{\rm stg}$	-55 to +150	°C	

Note) *: t = 1 s



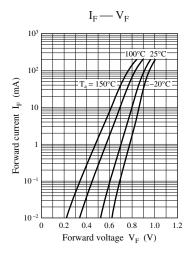
Marking Symbol: 1F

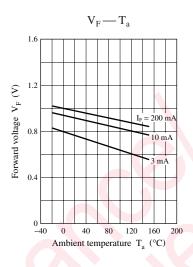
■ Electrical Characteristics T_a = 25°C ± 3°C

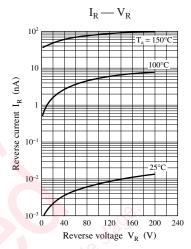
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Forward voltage	$V_{\rm F}$	$I_F = 200 \text{ mA}$	'V3//		1.2	V
Reverse current	I_R	$V_{R} = 200 \text{ V}$	7.7		200	nA
Terminal capacitance	C _t	$V_R = 0 V, f = 1 MHz$		4.5		pF

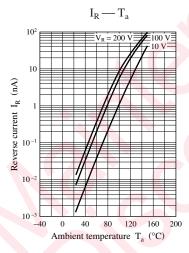
Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 measuring methods for diodes.

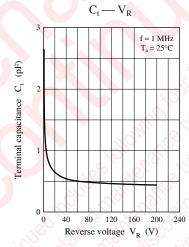
2. Absolute frequency of input and output is 3 MHz.

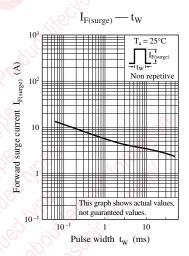












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