Rectifier Diodes Panasonic

MA2J115 (MA115)

Silicon epitaxial planar type

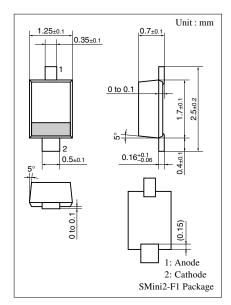
For small power current rectification

■ Features

- Small 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 (DC)	V_R	200	V
Peak reverse voltage	V_{RM}	200	V
Output current	I_{O}	200	mA
Repetitive peak forward current	I_{FRM}	600	mA
Non-repetitive peak forward surge current*	I _{FSM}	1	A
Junction temperature	T _j	150	°C
Storage temperature	T_{stg}	-55 to +150	°C



Marking Symbol: 1F

Note) * : t = 1 s

■ Electrical Characteristics $T_a = 25$ °C

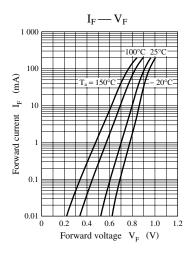
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Reverse current (DC)	I_R	$V_R = 200 \text{ V}$			200	nA
Forward voltage (DC)	$V_{\rm F}$	$I_F = 200 \text{ mA}$			1.2	V
Terminal capacitance	C _t	$V_R = 0 \text{ V, f} = 1 \text{ MHz}$		4.5		pF

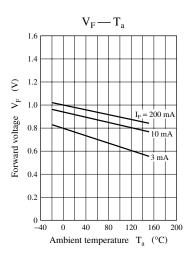
Note) Rated input/output frequency: 3 MHz

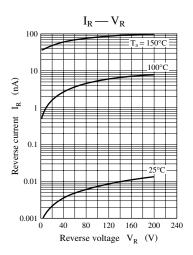
Note) The part number in the parenthesis shows conventional part number.

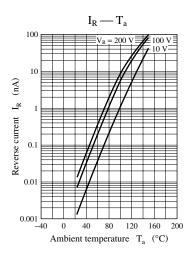
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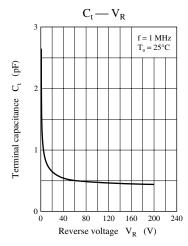
MA2J115 Rectifier Diodes

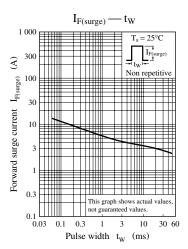












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