Rectifier Diodes Panasonic

MA2J114 (MA114)

Silicon epitaxial planar type

For small power rectification

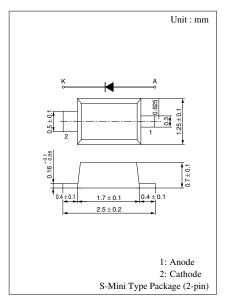
■ Features

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

■ Absolute Maximum Ratings $T_a = 25$ °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	m A
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: 1E

■ Electrical Characteristics $T_a = 25$ °C

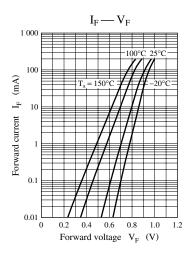
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Reverse current (DC)	I_R	$V_R = 150 \text{ V}$			200	nA
Forward voltage (DC)	V _F	$I_F = 200 \text{ mA}$			1.2	V
Terminal capacitance	C _t	$V_R = 0 V, f = 1 MHz$		4.5		pF

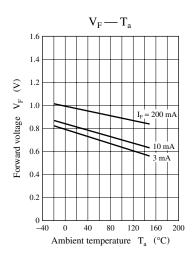
Note) Rated input/output frequency: 3 MHz

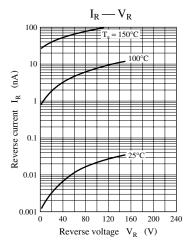
Note) The part number in the parenthesis shows conventional part number.

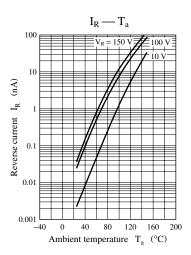
Panasonic 219

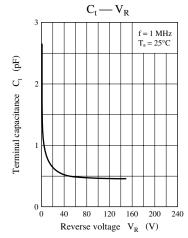
MA2J114 Rectifier Diodes

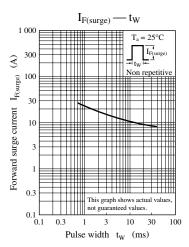












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