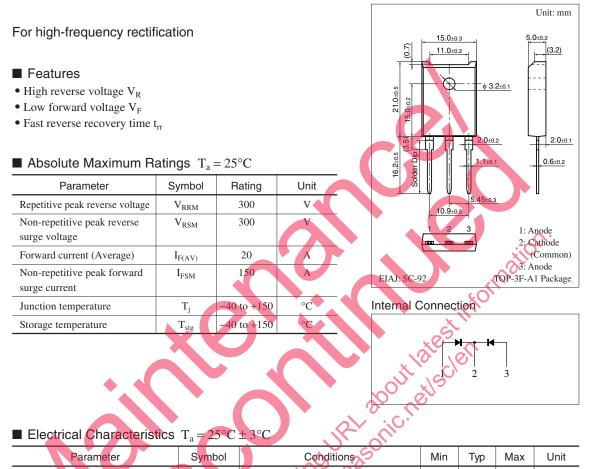
# MA3G655 (MA655)

### Silicon planar type (cathode common)

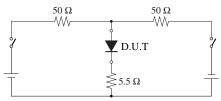


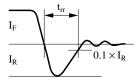
#### Electrical Characteristics $T_a = 25^{\circ}C$ ± 3°C

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Forward voltage	V <sub>F</sub>	$I_{\rm F} = 10 \text{ A}, T_{\rm C} = 25^{\circ}{\rm C}$			1.0	V
Repetitive peak reverse current	I <sub>RRM1</sub>	$V_{RRM} = 300 V$ , $T_{C} = 25^{\circ}C$			20	μΑ
	I <sub>RRM2</sub>	$V_{RRM} = 300 \text{ V}, T_j = 150^{\circ}\text{C}$			5	mA
Reverse recovery time *	t <sub>rr</sub>	$\mathbf{I}_{\mathbf{F}} = 1 \mathbf{A}, \mathbf{I}_{\mathbf{R}} = 1 \mathbf{A}$			50	ns
Thermal resistance (j-c)	R <sub>th(j-c)</sub>				1.5	°C/W
Thermal resistance (j-a)	R <sub>th(j-a)</sub>				40	°C/W

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

- 2. Absolute frequency of input and output is 10 MHz.
- 3. \*: trr measurement circuit

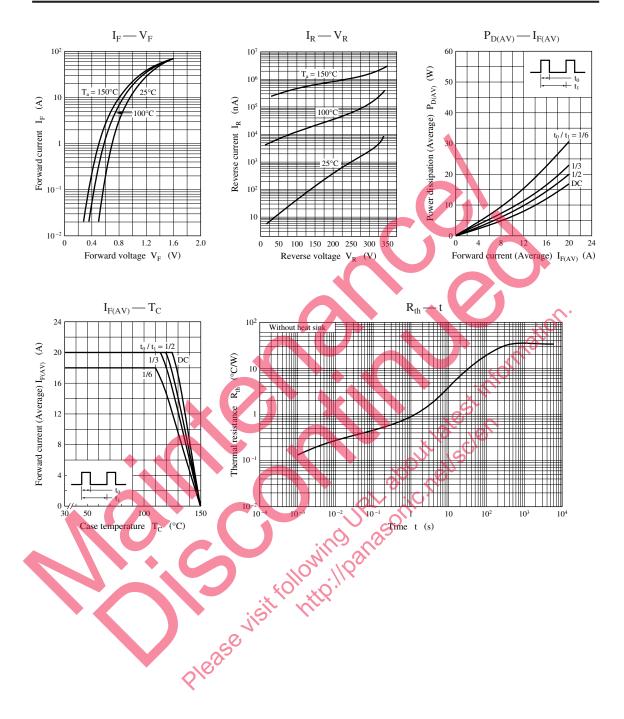




Note) The part number in the parenthesis shows conventional part number.

#### MA3G655

## Panasonic



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