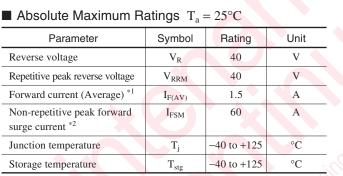
MA2Q738 (MA738)

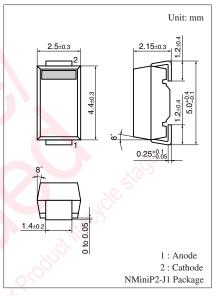
Silicon epitaxial planar type

For high frequency rectification

Features

- Forward current (Average) $I_{F(AV)} = 1.5$ A rectification is possible
- Reverse voltage $V_R = 40$ V is guaranteed
- Automatic insertion with the emboss taping is possible





Marking Symbol: PD

Note) *1: Mounted on the printed circuit board (glass epoxy board)

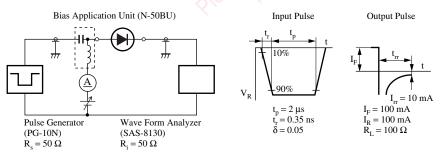
*2: The peak-to-peak value in one cycle of 50 Hz sine wave (non-repetitive)

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

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Forward voltage	V _F	I _F = 2.0 A	00	SOL	0.55	V
Reverse current	IR	$V_R = 40 V$		0-	2	mA
Terminal capacitance	C _t	$V_{R} = 10 V, f = 1 MHz$	$\sim 2^{\circ}$	70		pF
Reverse recovery time *	t _{rr}	$I_F = I_R = 100 \text{ mA}$			50	ns
	S	$I_{rr} = 10 \text{ mA}, R_L = 100 \Omega$				

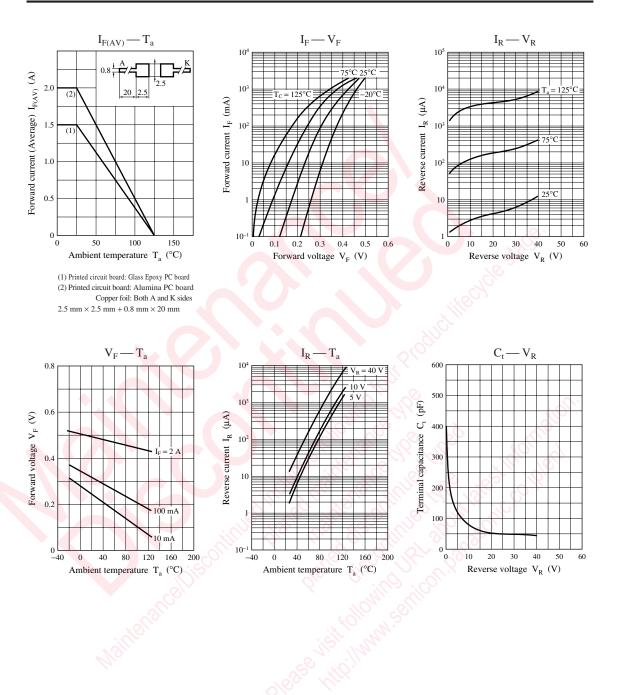
Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 measuring methods for diodes.

- 2. This product is sensitive to electric shock (static electricity, etc.). Due attention must be paid on the charge of a human body and the leakage of current from the operating equipment.
- 3. Absolute frequency of input and output is 20 MHz.
- 4. *: t_{rr} measurement circuit



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

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