MA4L784

Silicon epitaxial planar type

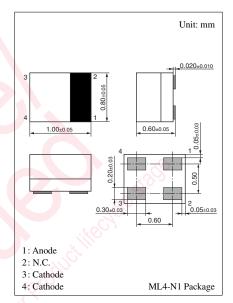
For high speed switching For small current rectification

Features

- High-density mounting is possible
- Optimum for high frequency rectification because of its short reverse recovery time (t_{rr})
- Low forward voltage V_F and good rectification efficiency
- 1008-type mold leadless 4-pin package

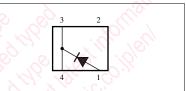
Parameter	Symbol	Rating	Unit			
Reverse voltage (DC)	V _R	30	V			
Peak reverse voltage	V _{RM}	30	V			
Forward current (DC)	I _F	100	mA			
Peak forward current	I _{FM}	300	mA			
Junction temperature	Tj	125	°C			
Storage temperature	T _{stg}	-55 to +125	°C			





Marking Symbol: Y

Internal Connection



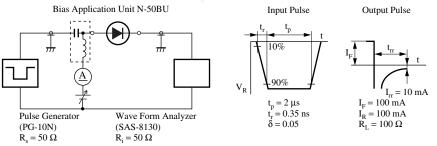
Electri	ical C	harac	cteristics	$T_a = 25^{\circ}C$	± 3°C		
					NO.	2	

Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Reverse current (DC)	OI _R	$V_R = 30 V$	S.		15	μΑ
Forward voltage (DC)	V _F	$I_{\rm F} = 100 {\rm mA}$	0.X		0.55	V
Terminal capacitance	Ct	$V_R = 0 V, f = 1 MHz$		20		pF
Reverse recovery time *	t _{rr}	$I_F = I_R = 100 \text{ mA}$		2.0		ns
		$I_{rr} = 10 \text{ mA}, R_L = 100 \Omega$				

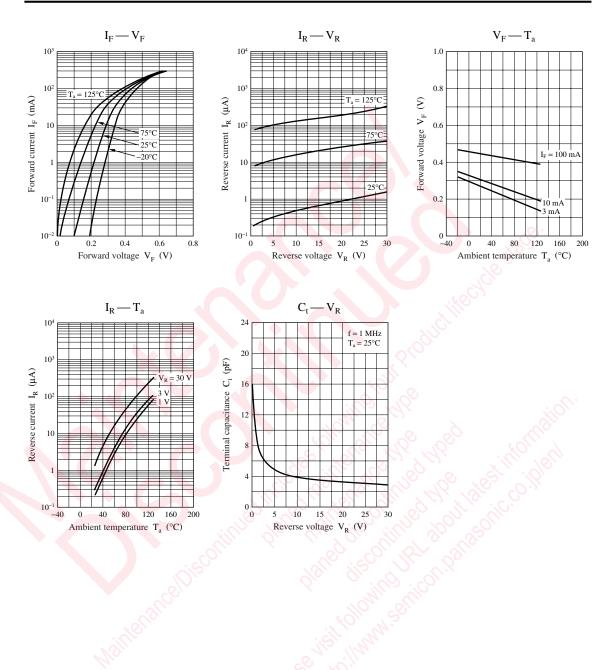
Note) 1. This product is sensitive to electric shock (static electricity, etc.).

Due attention must be paid on the charge of a human body and the leakage of current from the operating equipment.

- 2. Rated input/output frequency: 2 GHz
- 3. *: t_{rr} measuring instrument



Panasonic



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