<u>査询HSL278供应商</u> RENESAS

HSL278

Silicon Schottky Barrier Diode for Detector

REJ03G0606-0100 (Previous: ADE-208-1564) Rev.1.00 Apr 20, 2005

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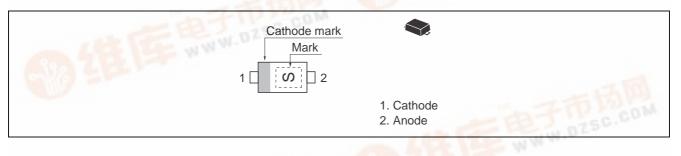
Features

- Low forward voltage, Low capacitance.
- Extremely small Flat Lead Package (EFP) is suitable for surface mount design.

Ordering Information

Type No.	Laser Mark	Package Name	Package Code (Previous Code)
HSL278	S	EFP	PXSF0002ZA-A (EFP)

Pin Arrangement





Absolute Maximum Ratings

			$(Ta = 25^{\circ}C)$
Item	Symbol	Value	Unit
Repetitive peak reverse voltage	V _{RRM}	30	V
Reverse voltage	V _R	30	V
Average rectified current	lo	30	mA
Non-Repetitive peak forward surge current	I _{FSM} *	200	mA
Peak forward current	I _{FM}	150	mA
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-55 to +125	°C

Note: 10 ms sine wave 1 pulse

Electrical Characteristics

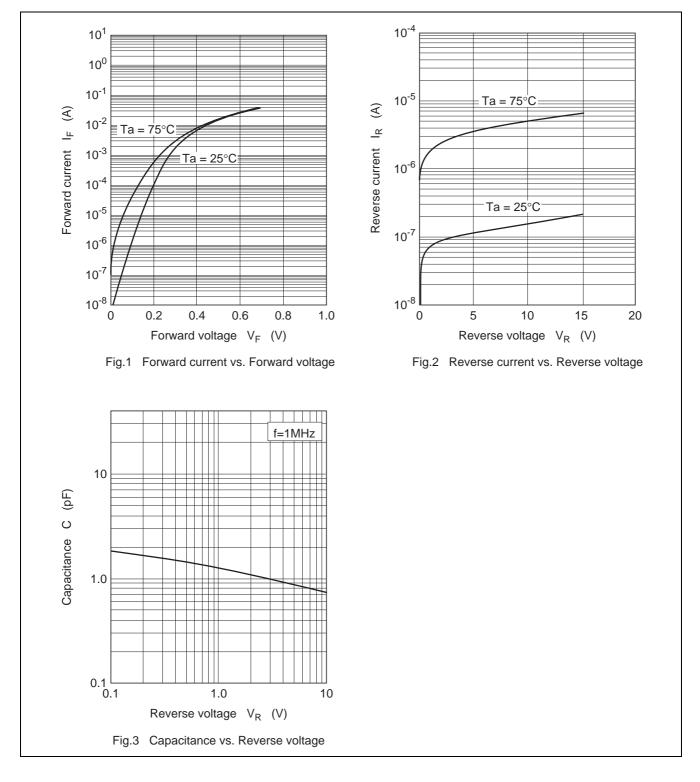
						$(Ta = 25^{\circ}C)$
Item	Symbol	Min	Тур	Max	Unit	Test Condition
Forward voltage	V _{F1}	_	_	0.30	V	I _F = 1 mA
	V _{F2}	_	_	0.95		I _F = 30 mA
Reverse current	I _R	_	_	700	nA	V _R = 10 V
Capacitance	С	_	_	1.5	pF	V _R = 1 V, f = 1 MHz
ESD-Capability *1	_	100			V	C = 200 pF, R_L = 0 Ω , Both forward
						and reverse direction 1 pulse.

Notes: 1. Failure criterion ; $I_R \geq$ 1.4 μA at V_R =10 V

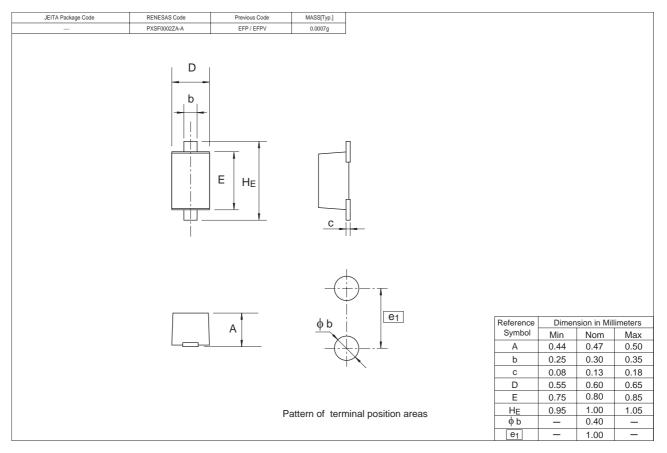
2. Please do not use the soldering iron due to avoid high stress to the EFP package.

3. The material of lead is exposed for cutting plane. There for, soldering nature of lead tip part is considered as unquestioned. Please kindly consider soldering nature.

Main Characteristic



Package Dimensions



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