HSU277

Silicon Epitaxial Planar Diode for UHF/VHF tuner Band Switch

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ADE-208-018G(Z) Rev 6 Nov. 1998

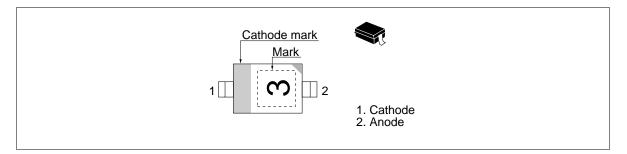
Features

- Low forward resistance. (rf = 0.7Ω max)
- <u>U</u>ltra small <u>Resin Package</u> (URP) is suitable for surface mount design.

Ordering Information

Туре No.	Laser Mark	Package Code
HSU277	3	URP

Outline





HSU277

Absolute Maximum Ratings (Ta = 25° C)

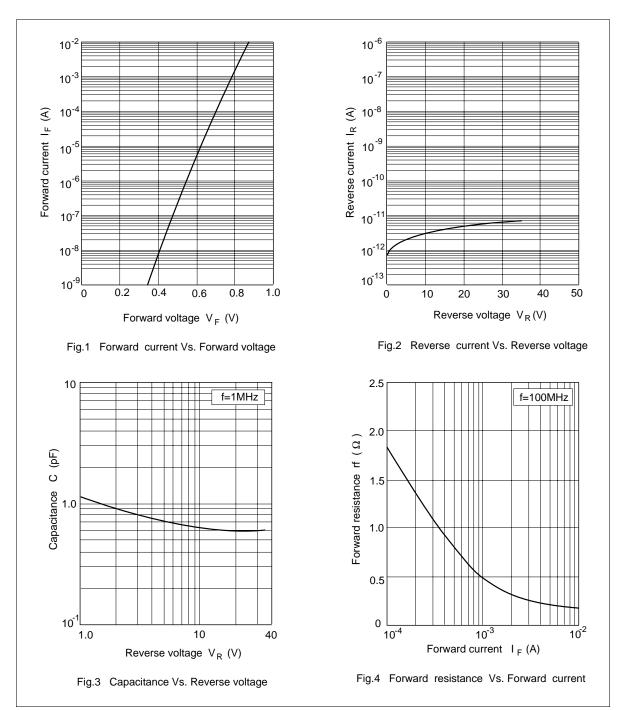
Item	Symbol	Value	Unit
Reverse voltage	V _R	35	V
Power dissipation	Pd	150	mW
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-45 to +125	٥C
Operation temperature	Topr	-20 to +60	°C

Electrical Characteristics (Ta = 25°C)

ltem	Symbol	Min	Тур	Мах	Unit	Test Condition
Reverse voltage	V _R	35	_	_	V	$I_{R} = 10\mu A$
Forward voltage	V _F		—	1.0	V	I _F = 10 mA
Reverse current	I _R		—	50	nA	V _R = 25V
Capacitance	С		—	1.2	pF	$V_{R} = 6V, f = 1 MHz$
Forward resistance	r _f		_	0.7	Ω	I _F = 2 mA, f = 100 MHz

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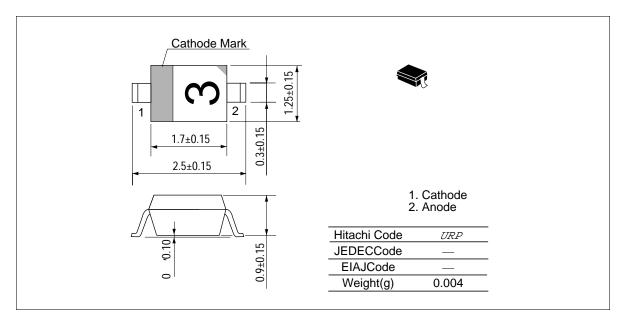
Main Characteristic



HSU277

Package Dimensions

Unit : mm



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