HSU229

Silicon Epitaxial Planar Diode for Band Switch

HITACHI

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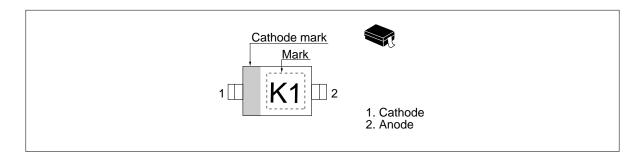
Features

- Low forward resistance. (rf= 0.6Ω max)
- Ultra small Resin Package (URP) is suitablefor high density surface mounting and high speed assembly.

Ordering Information

Type No.	Laser Mark	Package Code
HSU229	K1	URP

Outline



HSU229

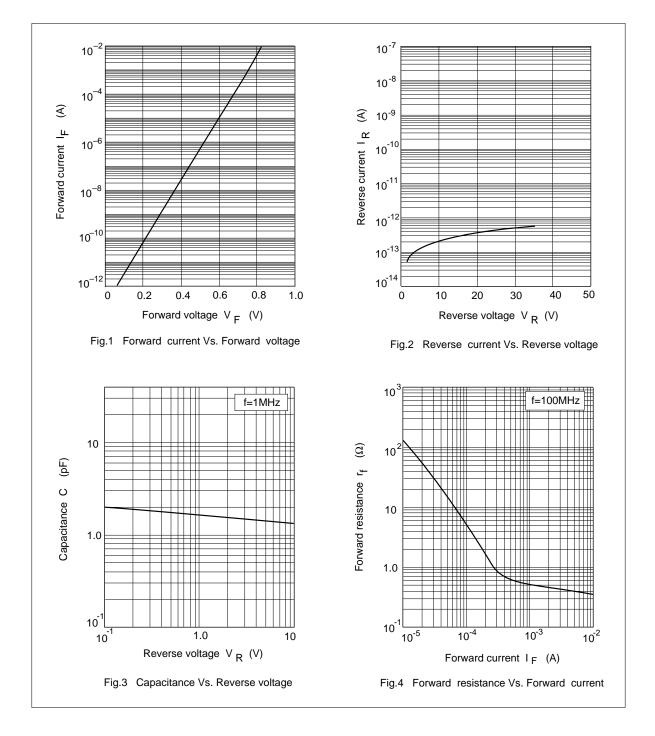
Absolute Maximum Ratings ($Ta = 25^{\circ}C$)

Item	Symbol	Value	Unit	
Reverse voltage	V_R	35	V	
Power dissipation	Pd	150	mW	
Junction temperature	Tj	125	°C	
Storage temperature	Tstg	-55 to+125	°C	

Electrical Characteristics ($Ta = 25^{\circ}C$)

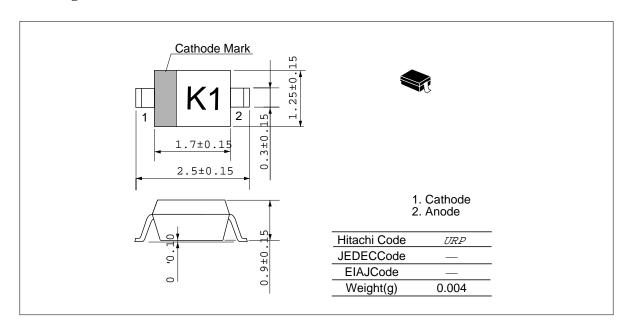
Item	Symbol	Min	Тур	Max	Unit	Test Condition
Reverse voltage	V_R	35	_	_	V	$I_R = 1\mu A$
Reverse current	I _R	_	_	50	nA	V _R = 30 V
Forward voltage	V _F	_	_	1.1	V	I _F = 100mA
Capacitance	С	_	_	1.5	pF	V _R = 15V, f = 1 MHz
Forward resistance	r f	_	_	0.6	Ω	I _F = 2 mA , f = 100 MHz

Main Characteristic



HSU229

Package Dimensions (Unit: mm)



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