

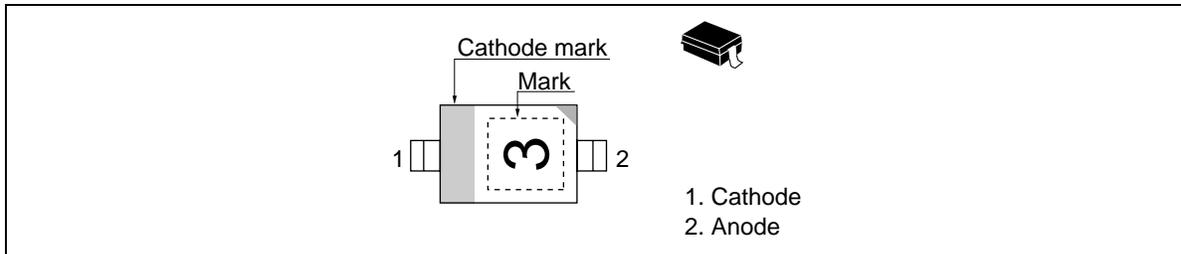
Features

- Low forward resistance. ($r_f = 0.7 \Omega$ max)
- Ultra small Resin Package (URP) is suitable for surface mount design.

Ordering Information

Type No.	Laser Mark	Package Code
HSU277	3	URP

Pin Arrangement



Absolute Maximum Ratings

(Ta = 25°C)

Item	Symbol	Value	Unit
Reverse voltage	V_R	35	V
Power dissipation	P_d	150	mW
Junction temperature	T_j	125	°C
Storage temperature	T_{stg}	-45 to +125	°C
Operation temperature	T_{opr}	-20 to +60	°C

Electrical Characteristics

(Ta = 25°C)

Item	Symbol	Min	Typ	Max	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	$V_R = 25 V$
Capacitance	C	—	—	1.2	pF	$V_R = 6 V, f = 1 MHz$
Forward resistance	r_f	—	—	0.7	Ω	$I_F = 2 mA, f = 100 MHz$