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## RLS-UV370E

- Ultraviolet Light Emitting Diode
- 370 nm
- InGaN structure
- 5 mm epoxy package



### Description

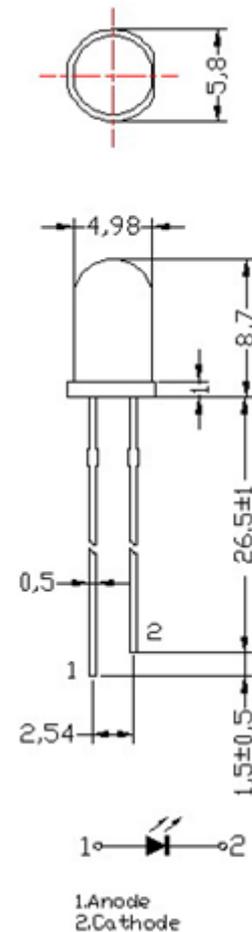
**RLS-UV370** is an **InGaN** based ultra violet LED, emitting at a peak wavelength of typically 370 nm. It has an optical output power of typically 1 mW, and comes in a hermetically sealed clear 5 mm epoxy resin.

### Maximum Rating ( $T_{CASE} = 25^{\circ}C$ )

Parameter	Symbol	Values		Unit
		Min.	Max.	
Power Dissipation, DC	$P_D$		70	mW
Reverse Voltage	$V_R$		5	V
Reverse Current	$I_R$		10	$\mu A$
Operating Temperature	$T_{OPR}$	- 40	+ 85	$^{\circ}C$
Storage Temperature	$T_{STG}$	- 40	+ 100	$^{\circ}C$
Soldering Temperature (max 3s)	$T_{SOL}$		+ 260	$^{\circ}C$

### Electro-Optical Characteristics ( $T_{CASE} = 25^{\circ}C$ , $I_F = 20$ mA)

Parameter	Symbol	Values			Unit
		Min.	Typ.	Max.	
Forward Voltage	$V_F$	3.3		4.0	V
Output Power	$P_O$		1		mW
Beam Angle	$2\theta_{1/2}$		20		deg.
Peak Wavelength	$\lambda_P$	365		375	nm



All dimensions in mm

