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AUSTRIA



RLS-UV385

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



Description

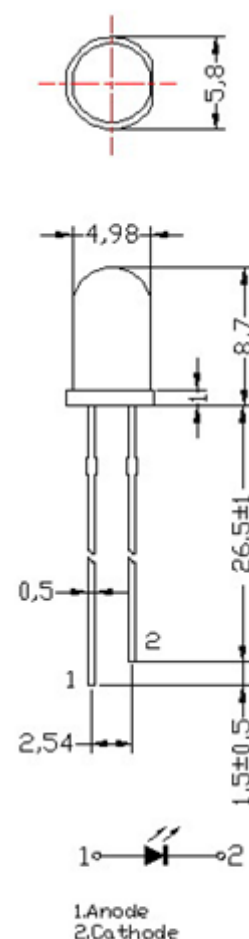
RLS-UV385 is an **InGaN** based ultra violet LED, emitting at a peak wavelength of typically 385 nm. It has an optical output power of typically 2 mW, and comes in a hermetically sealed clear 5 mm epoxy resin.

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	μA
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	3.1		3.7	V
Output Power	P_O		2		mW
Beam Angle	$2\theta_{1/2}$		20		deg.
Peak Wavelength	λ_P	380		390	nm



All dimensions in mm

