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AUSTRIA



RLS-UV395

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



Description

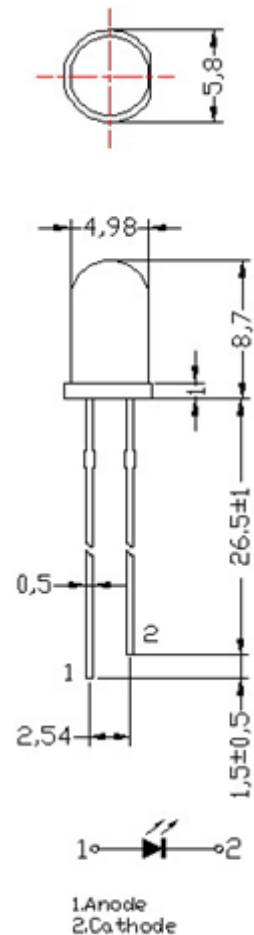
RLS-UV395 is an InGaN based ultra violet LED, emitting at a peak wavelength of typically 395 nm. It has an optical output power of 10-18 mW, and comes in a hermetically sealed clear 5 mm epoxy resin.

Maximum Rating (T_{CASE} = 25°C)

Parameter	Symbol	Values		Unit
		Min.	Max.	
Power Dissipation, DC	P _D		70	mW
Reverse Voltage	V _R		5.0	V
Reverse Current	I _R		50	μA
Operating Temperature	T _{OPR}	- 40	+ 60	°C
Storage Temperature	T _{STG}	- 40	+ 100	°C
Soldering Temperature (max 3s)	T _{SOL}		+ 260	°C

Electro-Optical Characteristics (T_{CASE} = 25°C, I_F = 20 mA)

Parameter	Symbol	Values			Unit
		Min.	Typ.	Max.	
Forward Voltage	V _F	3.2		3.8	V
Output Power	P _O	10		18	mW
Beam Angle	2Θ _{1/2}		20		deg.
Peak Wavelength	λ _P	390	395	400	nm



All dimensions in mm

