

UV-LED RLT360-0.5-10, 360 nm, 500 uW at 20 mA, 10°, 5 mm clear epoxy

UV-LED RLT360-0.5-15, 360 nm, 500 uW at 20 mA, 15°, 5 mm clear epoxy

FEATURES AND APPLICATIONS

- Deep UV wavelength, highly consistent
- HVPE epitaxy process, patent protected, unique in the industry
- UV lamps for industrial curing applications and medical/biomedical uses

SPECIFICATIONS

Absolute Maximum Rating (Ta = 25°C)

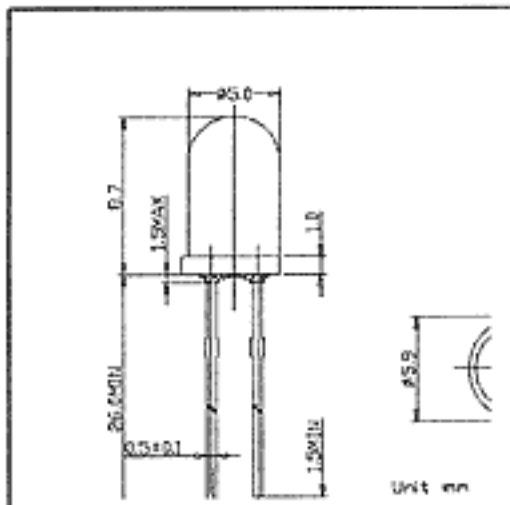
Item	Symbol	Maximum Rating	Unit
DC Forward Current	I_f	30	mA
Pulse Forward Current*	I_{fp}	80	mA
Reverse Voltage	V_r	5	V
Operating Temperature	T_{opr}	-20 to +80	°C
Storage Temperature	T_{stg}	-40 to +100	°C

*Condition: Duty Cycle: 1/10, Pulse Width: 10msec

Optical and Electrical Characteristics (Ta = 25°C)

Item	Symbol	Condition	Min	Typ.	Max	unit
Forward Voltage	V_f	$I_f=20mA$	3.6	3.8	4.5	V
Reverse Current	I_r	$V_r=5V$	-	-	100	uA
Peak Wavelength	λ_p	$I_f=20mA$	360	361	363	nm
Viewing Angle*		$I_f=20mA$	-	10	-	deg.
Output Power/Flux	P_o	$I_f=20mA$	300	500	1200	uW

Lamp Description (typical)



- Round epoxy lens, 5 mm (T-1 3/4 package), UV resistant
- Water clear, diffused, or tinted
- *Viewing angle: as requested

