L395-66-16100-110

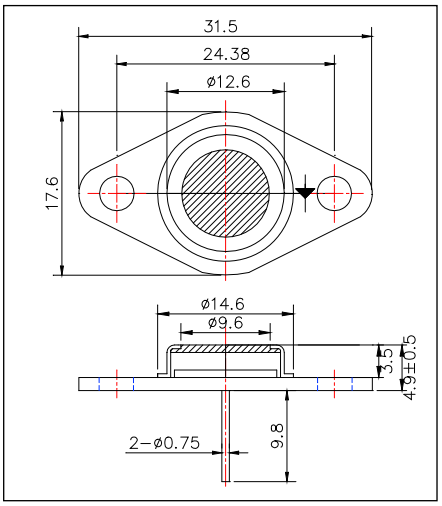
Flat Lens Type UV Light Illuminator

L395-66-16100-110 is composed of 1.1mmx1.1mm high current drive InGaN die by 16pcs and mounted on a metal stem TO-66 and covered with flat glass cap.
It is designed for extremely high output power illuminator assembled.

<Features>
- High Current Use
- High Reliability
- High Output Power at 395nm

<Specifications>
1. Product Name: UV Light Illuminator
2. Type Number: L395-66-16100-110
3. Chip:
   - Chip material: InGaN
   - Dimension: 1mmx1mm
   - Peak Wavelength: 395nm typ.
4. Package
   - Type: TO-66 Stem
   - Lens: Flat Glass Cap

Outer Dimension (Unit:mm)



Absolute Maximum Ratings[Ta=25℃]			
Item	Symbol	Maximum Rated Value	Unit
Power Dissipation	PD	20	W
Forward Current	IF	1200	mA
Pulse Forward Current*	IFP	3000	mA
Reverse Voltage	VR	20	V
Operating Temperature	TOPR	-30 ~ +80	℃
Storage Temperature	TSTG	-30 ~+100	℃
Soldering Temperature**	TSOL	240	℃

* Duty=1% and Pulse Width=1μs

** Soldering condition must be completed within 3 second at 260℃.

Electro-Optical Characteristics [Ta=25℃]						
Item	Symbol	Condition	Minimum	Typical	Maximum	Unit
Forward Voltage	VF	IF=1A		15		V
Brightness	IV	IF=1A		-		mcd
Total Radiated Power*	PO	IF=1A		1000		mW
Radiant Intensity	IE	IF=1A		-		mW/sr
Peak Wavelength	λP	IF=200mA	(390)	395	(400)	nm
Half Width	Δλ	IF=200mA		17		nm
Viewing Half Angle	θ1/2	IF=200mA		±55		deg

* Measured by S3584-08
Heat sink is required to protect LED at 60℃ or less.

RoHS Compliant

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