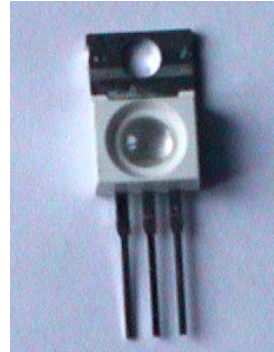
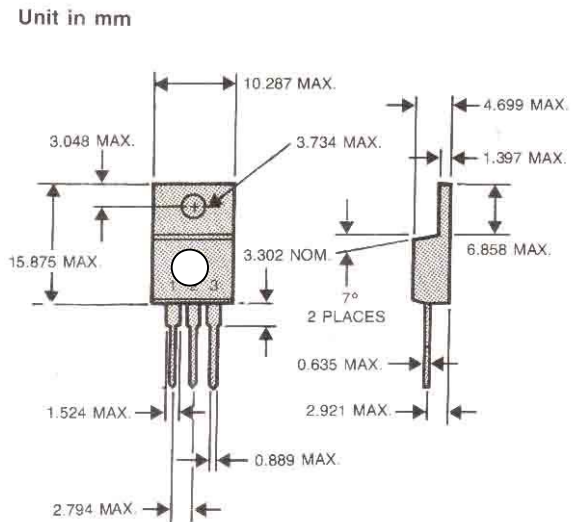


Device	380TO220	UV-LED
Dice Material	GaN	
Light Color	UV	

Package Dimensions:



Absolute Maximum Ratings at Ta = 25°C

Parameter	Max.	Unit
DC Forward Current	20	mA
Operation Temperature	Topr: -25 ~ +85	°C
Storage temperature	Topr: -25 ~ +100	°C
Reverse Voltage	5	V
Lead Soldering Temperature [1.6mm From Body] 260°C for 3 seconds		

Electrical Optical Characteristics at Ta = 25°C

Description	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Spectral Line Half-Width	$\Delta\lambda$	-	15	-	nm	If = 20 mA
Forward Voltage	Vf	-	3.8	-	V	If = 20 mA
Reverse Current	Ir	-	-	10	μA	Vr = 5 V
Peak Emission Wavelength	λ_p	378	380	383	nm	If = 20 mA
Viewing Angle	$2\theta_{1/2}$		60		°	If = 20 mA
Optical Power	Po	0.8	1	1.5	mW	If = 20 mA
Luminous Intensity	Iv	200	-	-	LUX	If = 20 mA

Notes:

1. Soldering shall be performed after lead forming.
2. All dimensions are in millimeters.
3. Static electricity damages the LEDs. It is recommended to take full care when handling products.

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