

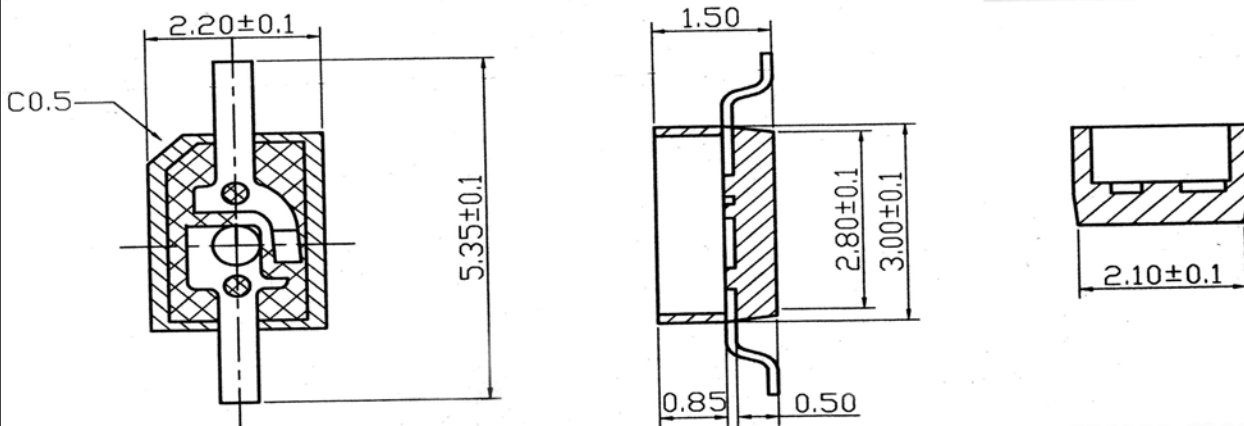
3.0 x 2.2 x 1.5 mm³ TOP LED

Technical Data

DESCRIPTION

Device Type	380SMD100
Dice Material	GaN
Light Color	UV Light

Package Dimensions:



Absolute Maximum Ratings at Ta = 25 °C

Parameter	MAX.	Unit
Power Dissipation	100	mW
DC Forward Current	30	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 3Seconds

Electrical Optical Characteristics at Ta = 25 °C

Description	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	Iv	-	148	-	mcd	I _F = 20 mA
Viewing Angle	2θ _{1/2}	-	120	-	Deg	I _F = 20 mA
Spectral Line Half-Width	Δλ	-	15	-	nm	I _F = 20 mA
Forward Voltage	V _F	-	3.5	4.0	V	I _F = 20 mA
Reverse Current	I _R	-	-	10	μA	V _R = 5 V
Peak Emission Wavelength	λ _p	378	-	383	nm	I _F = 20 mA

Notes:

- Soldering shall be performed after lead forming.
- All dimensions are in millimeters.
- Static electricity damages the LEDs. It is recommended to fully care when handling products.