385D15

# 5.0MM ROUND LAMP PURPLE

**Features**

- InGaN TECHNOLOGY
- HIGH POWER OUTPUT
- NARROW VIEW ANGLE FOR MAXIMUM LIGHT OUTPUT

**PRELIMINARY**

**Absolute Maximum Ratings at TA=25°C**

| |
|---|
| REVERSE VOLTAGE (<50μA).....5.0V |
| D.C.FORWARD CURRENT..... 30mA |
| PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH)...100 mA |
| OPERATING TEMPERATURE RANGE.....-25°C TO +85°C |
| STORAGE TEMPERATURE RANGE.....-25°C TO +100°C |
| LEAD SOLDERING TEMP. (1.6mm FROM BODY)..... 260°C FOR 5 SEC |

**Precautions：**

**These products are sensitive to static electricity; high standard of care must be fully taken when handling them. Particularly if an over-voltage that exceeds the Absolute maximum Rating of these products were applied, the overflow energy will cause damage to and possibly result in destruction of these products. Buyer shall take absolute secure countermeasures against static electricity and surge when handling these products.**

## Electrical/Optical Characteristics at TA=25°C

| PART NUMBER | LED CHIP | | WAVELENGTH Hue @20 mA (nm) | FORWARD VOLTAGE @20mA(V) | | Reverse Current | LUMINOUS INTENSITY @20mA(mcd) | | VIEW ANGLE 2θ 1/2 (deg) |
|---|---|---|---|---|---|---|---|---|---|
| | MATERIAL | EMITTING COLOR | | TYP. | MAX. | IR VR=5[V] | MIN. | TYP. | TYP. |
| L5TG380UV15 | InGaN | PURPLE | 380-386 | 3.5 | 3.9 | 10μA | 40 | 70 | 15 |
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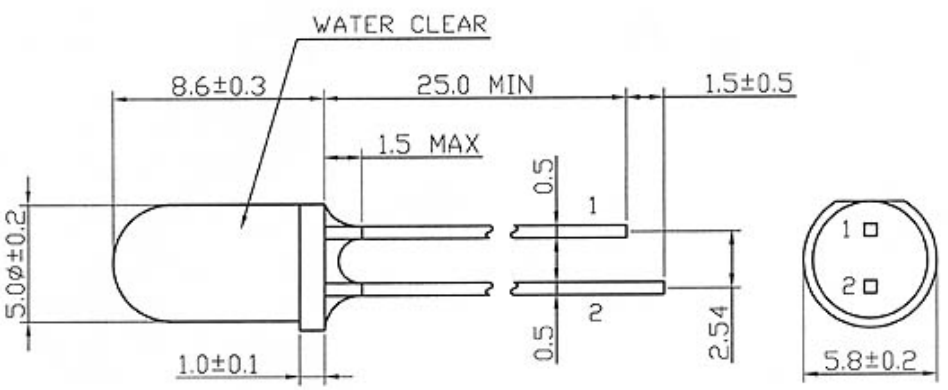
Tolerance of the LumInous Intensity ：±10%