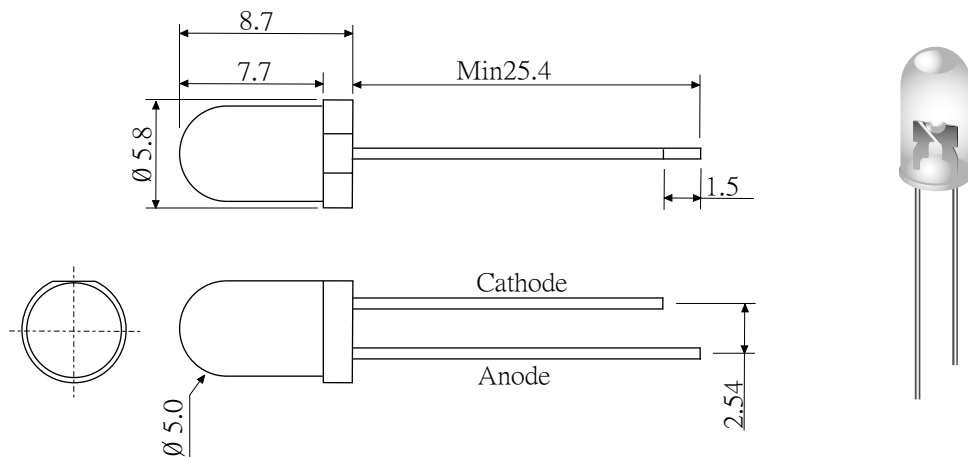


KTL05UVCI-2



- * 5mm Blue dice.
- * Encapsulated with Water Clear package.
- * long leads.

Absolute Maximum Ratings:

| Parameter | Maximum Rating | Unit |
|-----------------------------|---------------------|------|
| Peak Forward Current | 120 | mA |
| Continuous Forward Current | 30 | mA |
| Operating temperature Range | -20°C + 75°C | |
| Storage Temperature Range | -40°C + 100°C | |
| Lead Soldering Temperature | 260°C for 5 seconds | |

Electre-Optical Characterature (Ta=25°C)

| Parameter Radiant | Test Condition | Symbol | Min. | Typ. | Max. | Unit |
|--------------------|----------------|-----------------|------|-------|------|------|
| Forward Voltage | If=20mA | Vf | 3.00 | 3.80 | 4.50 | V |
| Reverse Current | Vr=5V | Ir | | | 10 | uA |
| Luminous Intensity | If=20mA | Iv | 80 | 100 | 150 | mcd |
| Spectral Bandwidth | If=20mA | $\Delta\lambda$ | | 30 | | nm |
| Wavelength | If=20mA | λ_p | 395 | 400 | 414 | nm |
| | | λ_d | | | | nm |
| Half View Angle | If=20mA | $2\theta_{1/2}$ | | 15-20 | | deg |