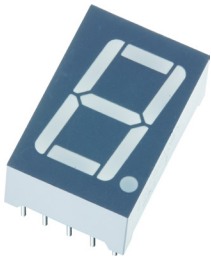


14.2mm (0.56") Single Digit Common Cathode LED Display



Specifications

| | |
|--------------------|------------------|
| Dice Material | : GaAlAs/GaAs |
| Peak Wave Length | : 660 nm |
| Emitted Colour | : Super Red |
| Lens Colour | : White Diffused |
| IV(mcd) | : 4.2 |
| Surface Ink Colour | : Black |

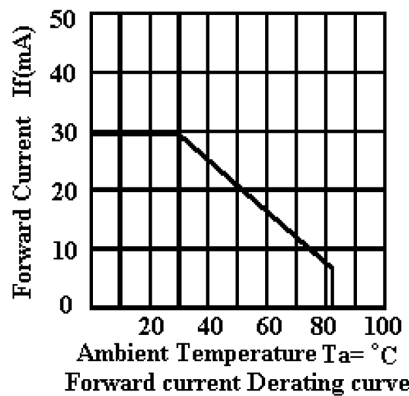
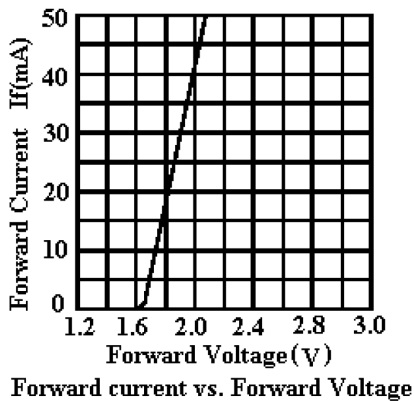
Electrical / Optical Characteristics at TA = 25°C

| Parameter | Symbol | Min | Typ | Max | Unit | Test |
|---|-----------|-----|------|-----|------|-----------|
| Luminous Intensity | IV | 2.1 | 4.2 | 6.5 | mcd | IF = 20mA |
| Viewing Angle | 2Θ1/2 | - | - | - | deg | |
| Peak Emission Wavelength | λp | - | 660 | - | nm | |
| Dominant Wavelength | λD | - | 643 | - | nm | |
| Spectral Line Half-Width | Δλ | - | 20 | - | nm | |
| Forward Voltage | VF | 1.7 | 1.85 | 2.5 | V | |
| Power Dissipation | Pd | - | - | 85 | mW | |
| Peak Forward Current (Duty 1/10 @ 1kHz) | IF (Peak) | - | - | 100 | mA | |
| Recommended Operating Current | TF (Rec) | - | 20 | - | mA | |

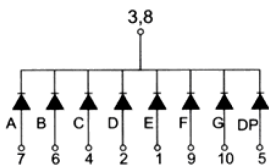
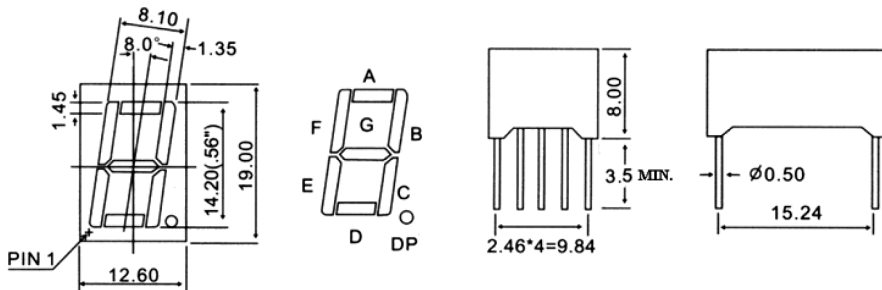
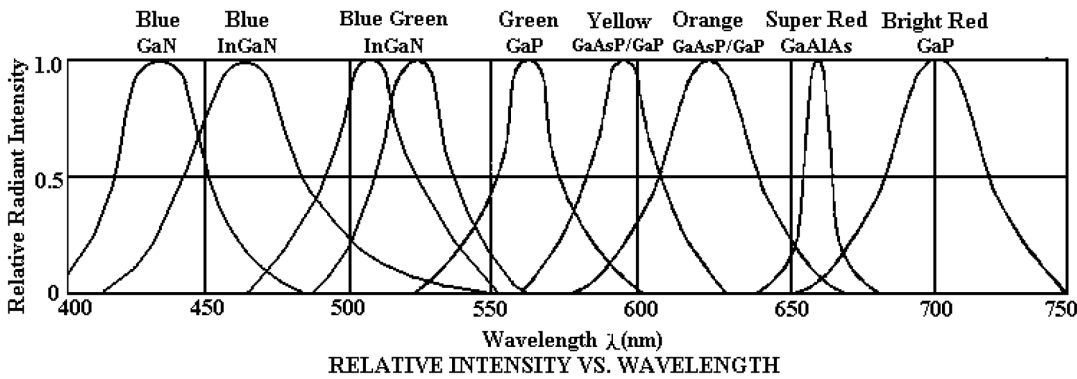
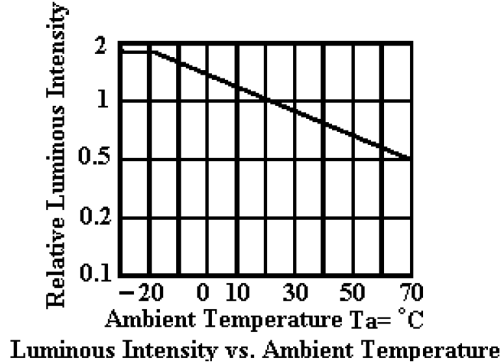
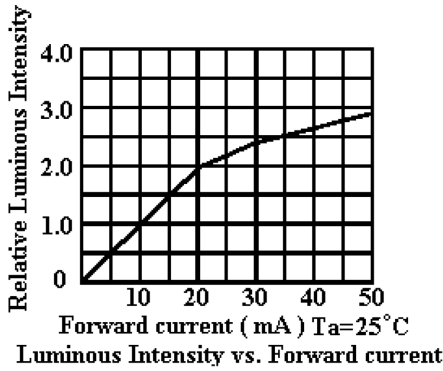
Absolute Maximum Rating TA = 25°C

| | |
|--|---------------------|
| Reverse Voltage | 5 Volt |
| Reverse Current | 10μA (VR=5V) |
| Operating Temperature Range | -40°C to +85°C |
| Storage Temperature Range | -40°C to +100°C |
| Lead Soldering Temperature Range (1.6mm (1/16 inch) from body) | 260°C For 5 Seconds |

Typical Electro-Optical Characteristics Curves



14.2mm (0.56") Single Digit Common Cathode LED Display



Dimensions : Millimetres
Tolerance : $\pm 0.25\text{mm}$

Part Number Table

| Description | Part Number |
|---|-------------|
| 14.2mm (0.56") Single Digit Common Cathode LED Display, Super Red | LS0565SRWK |

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