

LC374TWN1-25H-A1

Features

No Stand Offs

Applications

Advertising Signs
Indicators
LCD Backlight
Illumination Applications

Maximum Ratings (Ta=25°C)

| Characteristic | Symbol | Max. | Unit |
|-----------------------|------------------|----------------|------|
| Forward Current | I _F | 25 | mA |
| Reverse Voltage | V _R | 5 | V |
| Power Dissipation | P _D | 100.00 | mW |
| Operating Temperature | T _{opr} | -40 ~ +95 | °C |
| Storage Temperature | T _{stg} | -40 ~ +100 | °C |
| Soldering Temperature | T _{sol} | 260 | °C |
| Soldering Time | - | for 3 sec. max | - |

Opto-Electrical Characteristics (Ta=25°C)

| Characteristic | Symbol | Test Condition | Min | Typ | Max | Unit |
|--------------------------|-------------------|----------------------|---------|--------------|------|------|
| Forward Voltage | V _F | I _F =20mA | - | 3.40 | 4.00 | V |
| Reverse Current | I _R | V _R =5V | - | - | 100 | μA |
| Luminous Intensity | I _v | I _F =20mA | 3000.00 | 3800.00 | - | mcd |
| Viewing Angle | 2θ ^{1/2} | - | - | 30° | - | deg. |
| Peak Wavelength | λ _p | I _F =20mA | - | 465 | - | nm |
| Dominant Wavelength | λ _d | I _F =20mA | - | X=.31, Y=.32 | - | nm |
| Spectral Line Half Width | Δλ | I _F =20mA | - | 0 | - | nm |

LC374TWN1-25H-A1 Graphs

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