

LO568RGY2-80Q-A
Features

80° x 60° Viewing Angle
 5mm Oval Lens
 Pure Green and Amber Color
 White Diffused Lens
 No Stand Offs

Maximum Ratings (Ta=25°C)

| Characteristic | Symbol | Max. | | Unit |
|-----------------------|------------------|----------------|----------------|------|
| | | TPG | AYL | |
| Forward Current | I _F | 25 | 50 | mA |
| Reverse Voltage | V _R | 5 | 5 | V |
| Power Dissipation | P _D | 100.00 | 125.00 | mW |
| Operating Temperature | T _{opr} | -40 ~ +95 | -40 ~ +95 | °C |
| Storage Temperature | T _{stg} | -40 ~ +100 | -40 ~ +100 | °C |
| Soldering Temperature | T _{sol} | 260 | 260 | °C |
| Soldering Time | - | for 3 sec. max | for 3 sec. max | - |

Opto-Electrical Characteristics (Ta=25°C)

| Characteristic | Symbol | Test Condition | Min | | Typ | | Max | | Unit |
|--------------------------|-------------------|----------------------|-----|-----|-----------|-----------|------|------|------|
| | | | TPG | AYL | TPG | AYL | TPG | AYL | |
| Forward Voltage | V _F | I _F =20mA | - | - | 3.40 | 2.00 | 4.00 | 2.50 | V |
| Reverse Current | I _R | V _R =5V | - | - | - | - | 100 | 100 | μA |
| Luminous Intensity | I _v | I _F =20mA | - | - | 450.00 | 200.00 | - | - | mcd |
| Viewing Angle | 2θ ^{1/2} | - | - | - | 80° x 60° | 80° x 60° | - | - | deg. |
| Peak Wavelength | λ _p | I _F =20mA | - | - | 522 | 594 | - | - | nm |
| Dominant Wavelength | λ _d | I _F =20mA | - | - | 527 | 591 | - | - | nm |
| Spectral Line Half Width | Δλ | I _F =20mA | - | - | 0 | 20 | - | - | nm |

LO568RGY2-80Q-A Graphs

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