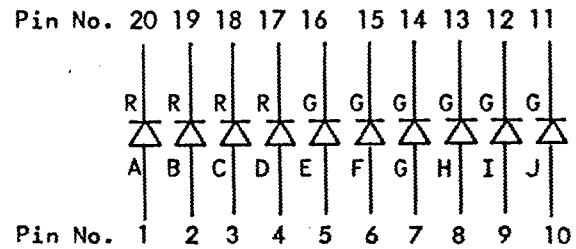


Unit : mm (inch)



ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

| | | | |
|--|------------|-----|-------|
| Power Dissipation /Bar | 40 | 75 | mW |
| Peak Forward Current /Bar | 60 | 100 | mA |
| Continuous Forward Current / Bar | 15 | 25 | mA |
| Derating Linear from 25°C Segment | 0.18 | 0.3 | mA/°C |
| Reverse Voltage / Segment | 5 | 5 | V |
| Operating Temperature Range | -25 to +85 | | °C |
| Storage Temperature Range | -25 to +85 | | °C |
| Lead Soldering Temperature (1/16" below seating plane for 3 sec.) | | 260 | °C |

| | RED | GREEN | UNIT |
|--|------------|-------|-------|
| Power Dissipation /Bar | 40 | 75 | mW |
| Peak Forward Current /Bar | 60 | 100 | mA |
| Continuous Forward Current / Bar | 15 | 25 | mA |
| Derating Linear from 25°C Segment | 0.18 | 0.3 | mA/°C |
| Reverse Voltage / Segment | 5 | 5 | V |
| Operating Temperature Range | -25 to +85 | | °C |
| Storage Temperature Range | -25 to +85 | | °C |
| Lead Soldering Temperature (1/16" below seating plane for 3 sec.) | | 260 | °C |

ELECTRICAL / OPTICAL CHARACTERISTICS (Ta=25°C)

| PARAMETER | SYMBOL | RED | GREEN | UNIT | CONDITIONS |
|-----------------------------------|-----------------|-----|-------|---------|------------|
| Average Luminous Intensity | IV | 0.3 | 0.8 | mcd | IF=10mA |
| | | 0.7 | 2.0 | | |
| Peak Emission Wavelength | λ_p | 700 | 565 | nm | IF=20mA |
| Spectral Line Half Width | $\Delta\lambda$ | 90 | 40 | nm | IF=20mA |
| Forward Voltage Any Bar | VF | 2.1 | 2.1 | V | IF=20mA |
| | | 2.8 | 2.8 | | |
| Reverse Current Any Bar | IR | 100 | 100 | μ A | VR=5V |
| Luminous Intensity Matching Ratio | Iv-m | 2:1 | 2:1 | | IF=20mA |



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