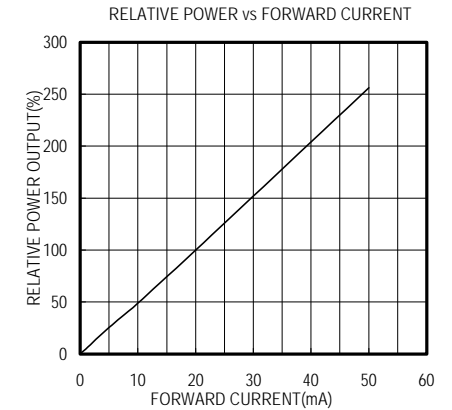
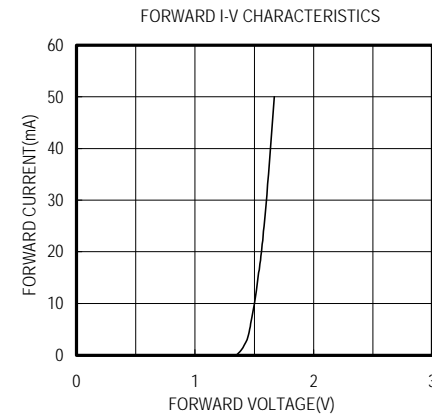


Dimensions (Unit:mm)

2. ELECTRICAL & OPTICAL CHARACTERISTICS (Ta=25 °C)

| ITEM | SYMBOL | CONDITIONS | MIN | TYP | MAX | UNIT |
|---------------------------|-----------|------------|-----|---------|-----|---------|
| Power Output | PO | IF=20mA | | 2.0 | | mW |
| Forward Voltage | VF | IF=20mA | | 1.55 | 2.0 | V |
| Reverse Current | IR | VR=5V | | | 100 | μ A |
| Peak Wavelength | λ | IF=20mA | | 770 | | nm |
| Spectral Line Half Width | | IF=20mA | | 25 | | nm |
| Half Intensity Beam Angle | | IF=20mA | | ± 9 | | deg. |

- FEATURES**
- High-output Power
 - Narrow Beam Angle
 - High Reliability
- APPLICATIONS**
- Optical Switches
 - Optical Sensors
 - Medical Application

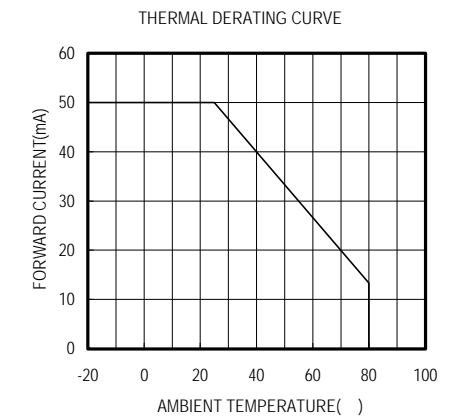
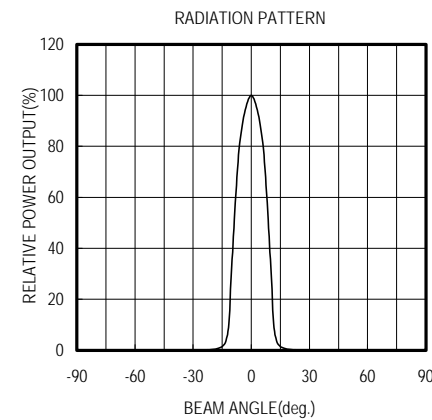
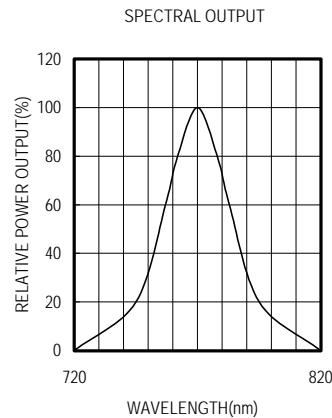


1. ABSOLUTE MAXIMUM RATINGS (Ta=25 °C)

| ITEM | SYMBOL | RATINGS | UNIT |
|---------------------------|--------|------------|------|
| Forward Current (DC) | IF | 50 | mA |
| Forward Current (Pulse)*1 | IFP | 0.5 | A |
| Reverse Voltage | VR | 5 | V |
| Power Dissipation | PD | 100 | mW |
| Operating Temp. | ToPr | -20 TO 80 | |
| Storage Temp. | Tstg | -30 TO 100 | |
| Junction Temp. | Tj | 100 | |
| Lead Soldering Temp.*2 | Tls | 260 | |

*1:Tw=10uS,T=10mS

*2:Time 5 Sec max,Position:Up to 3mm from the body



To purchase this part contact
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800.984.5337

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