

Chip On Board 2,5W High-Power Modul

Part-No-: LT-1555

Absolute maximum ratings (Ta = 25°C)

| Parameter | Symbol | Test Condition | Value | | Unit |
|--------------------------|--------|----------------|--------------------------|------|------|
| | | | Min. | Max. | |
| DC Forward Current | IF | --- | --- | 200 | mA |
| Peak Pulse Current | Ipeak | Duty=0.1, 1kHz | --- | 400 | mA |
| Power Dissipation | Pd | --- | --- | 1.5 | W |
| LED Junction Temperature | Tj | --- | --- | 120 | °C |
| Operating Temperature | Topr | --- | -25 | +80 | °C |
| Storage Temperature | Tstr | --- | -40 | +120 | °C |
| ESD Sensitivity | --- | HBM | 8000 | --- | V |
| Soldering Temperature | --- | --- | 220°C for 5 Seconds max. | | |

Electrical and optical Characteristics (Ta = 25°C)

| Parameter | Symbol | Test Condition | Value | | | Unit |
|-------------------|--------|----------------|-------|------|------|------|
| | | | Min. | Typ. | Max | |
| Forward Voltage | VF | IF = 120mA | 9.0 | 9.2 | 9.9 | V |
| Luminous Flux | ΦV | | --- | 90 | --- | lm |
| Viewing Angle | 2θ 1/2 | | --- | 120 | --- | Deg. |
| Color Temperature | CCT | | 5000 | --- | 8000 | K |

Dimensions

