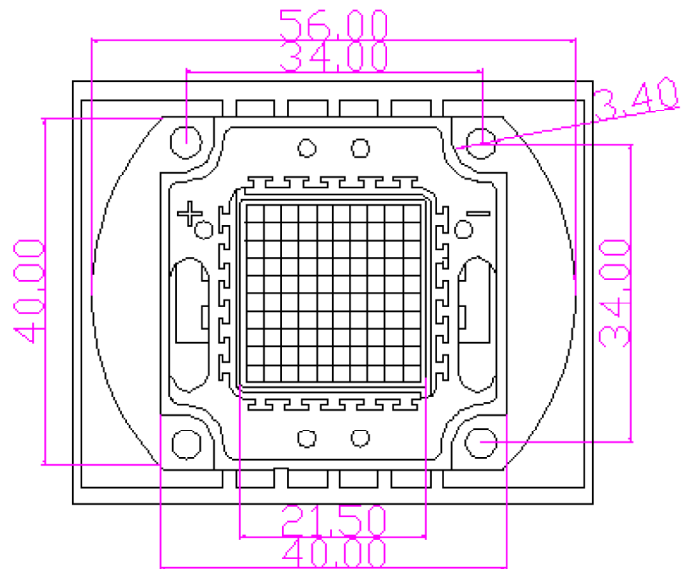


LED Chip 100W Highpower SQUARE

Absolute Maximum Ratings at Ta=25°C

| Parameter | Symbol | Rating | Unit |
|---|--------------------------|------------|------|
| Forward Current | I _F | 3500 | mA |
| Power Dissipation | P _d | 100 | W |
| Peak Forward Current (Duty 1/10 @1KHZ) | I _{PF} | 4000 | mA |
| Led Junction Temperature | T _J | 120 | °C |
| Operation Temperature | T _{OPR} | -35 to +75 | °C |
| Storage Temperature | T _{STG} | -35 to +80 | °C |
| Soldering Temperature | 260deg for 5 seconds max | | |
| ESD Sensitivity(V) | 2000 | | |

Package Dimensions:



Features:

- 1.High Flux
- 2.Low Voltage DC operated
- 3.More Energy efficient
- 4.Long life solid state reliability.

Description:

- 1.These LED lamps are available with a choice of different colors, etc
- 2.General application for indication,illumination,lighting etc

Products List

| Part Number | Color | Lens color | Peak Wavelength Typ | Vf(V) Typ | Iv(lm) | | Viewing Angle 2 θ 1/2 | Testing Condition (mA) |
|-------------|-------------|------------|------------------------|--------------|--------|------|--------------------------|---------------------------|
| | | | | | Min | Typ | | |
| 77880050 | Ultra White | Hemisphere | 6000K | 32.0 | 7000 | 8500 | 120° | 3500 |

| Number | Part Number uw |
|--------|----------------|
| 1x | 77880050 |
| 3x | 77880051 |
| 5x | 77880052 |