

Model: LC***-06 Series

Approvals : 

1~3 Watts single output

Features:

- * For High Brightness Light-Emitting Diode products.
- * Universal AC input 90-264Vac.
- * Fully isolated plastic case
- * Built-in Constant Current limiting design.
- * Operation from -10°C-40°C full load.
- * Protections: OVP / OLP/ SCP .
- * Class II power design without earth pin.
- * 1 year warranty.

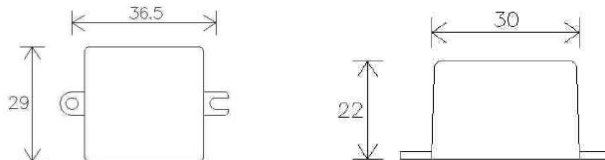
Size 36.50 * 29 * 22 mm (L*W*H)



Specifications:

| Model No. | | GP-LC3513-06 | GP-LC7012-06 |
|--------------|--|---|--------------|
| Output | LED Operation Voltage <small>Note.2</small> | 3-12V Dc | 3-12V Dc |
| | Rated Current Range | 350mA±6% | 700mA±6% |
| | Rated Max. Power | 3W | 3W |
| | Efficiency (Typ.) 230Vac | 70% | 60% |
| | Rise Time | <250ms at full load | |
| Input | Voltage Range | 90 Vac ~ 264 Vac | |
| | Frequency Range | 47 Hz ~ 63 Hz | |
| | AC Current | 0.2A@115VAC / 0.1A@230VAC | |
| | Inrush Current | No components will be stressed over its max specification according to I2T | |
| | Leakage Current | <0.25mA / 240 Vac | |
| Protections | Over Load | 100-135% rated output power recovers automatically after fault condition has been removed. | |
| | Short Circuit | Type: Hiccup mode, Recovers automatically after fault condition is removed. | |
| | Over Voltage | 105-120% rated output Voltage | |
| Environment | Operation Temp. | -10°C-40°C full load . | |
| | Operation Humidity | 20% ~ 95% RH non-condensing. | |
| | Storage Temp. | -20 ~ +80°C | |
| | Storage Humidity | 10% ~ 95% RH | |
| | Vibration | 10 ~ 500 Hz, 2G 10 min. / 1 cycle, period for 60 min. each along X, Y, Z axes. | |
| Safety & EMC | Safety Standards | meet EN61347-1, EN61347-2-13 , | |
| | Withstand Voltage | meet I/P - O/P: 3.75K VAC | |
| | Isolation Resistance | meet >100M ohms / 500VDC at 25 °C. | |
| | EMI Conduction & Radiation | meet EN55015 | |
| | Harmonic Current | Compliance to EN61000-3-2 Class C, EN61000-3-3 | |
| Others | EMS Immunity | meet EN61547, EN61000-4-2, 3, 4, 5, 6, 8, 11 | |
| | MTBF | 400K hours min.MIL-HDBK-217F(25°C) | |
| | Dimension(L*W*H) | 36.50 * 29 * 22 mm | |
| | Packing(L*W*H)/Carton | 27*24*28cm:100PCS/Carton | |
| Weight | 50g | | |
| | Remark 1. All parameters NOT specially mentioned are measured at 230Vac input, rated load and 25 °C ambient temperature. 2. Constant current operation region is within the specified output voltage range above. This is the suitable operation region for LED related applications. 3. The power supply is considered a component which will be installed a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. | | |

Dimension: Output connector with stripped type.



Configuration arrays when using Hi power LEDs

With the 350mA Output Current With the 700mA Output Current LC3512-06 / LC7012-06

