

# LED Driver

## High Power Constant Current LED Driver

|                   |               |
|-------------------|---------------|
| Total Power       | 3 Watts max.  |
| Input Voltages    | 100 ~ 304 VAC |
| Number of Outputs | One           |

# Product Specifications

ANZ#: Z178C, September 26, 2011

## SPECIAL FEATURES

- Compact size that maximize design flexibility.
- 1.57" x 1.57" x 0.87" (LxWxH)
- Full range AC input, 100-304VAC
- Hook-up wire for easy installation
- High efficiency reduce total power consumption
- Tight regulated constant current output to maximize the LED performance
- Pre-adjusted C/C outputs

## ENVIRONMENTAL

|                            |   |
|----------------------------|---|
| Operating temperature:     | -20 to +60 ° C  |
| Storage temperature:       | -20 to +80 ° C  |
| Humidity (Non-Condensing): | 5% to 95%   |
| Cooling:                   | Convection  |
| Vibration Frequency:       | 5 to 50 Hz  |
| MTBF:                      | >100,000 Hoursgdfgdfs at full load and 25°C ambient conditions (MIL-217F) |
| Acoustic Noise:            | Less than 24db (20~20K Hz)  |



Picture shown above is not to scale

| SPECIFICATION PARAMETER   | L03E-350                 | L03E-700   | L03E-1050   | L03E-12 / -24 |
|---------------------------|--------------------------|------------|-------------|---------------|
| Input Voltage (VAC)       | 100 ~ 304VAC             |            |             |               |
| Input Frequency (Hz)      | 50/60 Hz                 | 50/60 Hz   | 50/60 Hz    | 50/60 Hz      |
| Output Voltage (VDC)      | 4 ~ 12VDC                | 4.5VDC     | 4.5VDC      | 12 / 24VDC    |
| Output Current (constant) | 350mA max.               | 700mA max. | 1050mA max. | N/A           |
| Output Power (W)          | 1 ~ 3 W                  | 3 W        | 3 W         | 3 W           |
| Short Circuit Protection  | Yes                      |            |             |               |
| Overload Protection       | Yes                      |            |             |               |
| Over-voltage Protection   | Yes                      |            |             |               |
| Thermal Protection        | Yes                      |            |             |               |
| Ambient Temperature       | -20 ~ 60 Deg. C          |            |             |               |
| Storage Temperature       | -20 ~ 80 Deg. C          |            |             |               |
| Max. Temperature at Tc    | 70 Deg. C                |            |             |               |
| Safety Approval           | UL and CE certified      |            |             |               |
| Dimension                 | 1.57"x1.57"x0.87"(LxWxH) |            |             |               |
| Weight                    | 55 g                     |            |             |               |