

TLM4036DC-0700

Description:

The TLM4036DC-0700 is a compact and lightweight Constant Current Switch Mode Power Supply. Waterproof design - IP66, NEMA 4 suitable for dry and damp locations. Convection cooled plastic housing. Some typical applications include LED's, Lighting, etc.

Specifications (@25C)

Electrical Specifications:

| | |
|-----------------------------------|--|
| Input Voltage: | See Table |
| Power Factor: | >0.9 at full load, 115Vac |
| Output*: | .700A \pm 5%, Vout range: See Table |
| Efficiency: | 90% Typical at full load |
| Maximum power: | 26W |
| Output Current Regulation: | \pm 5% |
| Protection: | Short circuit protection: Auto-recovery *Subject to Max power limitations |

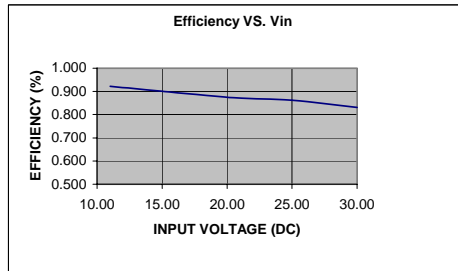
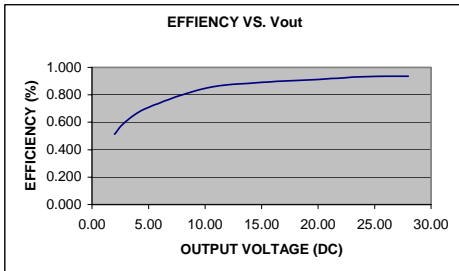
Environmental Specifications:

| | |
|-------------------------------|---|
| Operating Temperature: | -40 to 60°C (De-rating: 1%/°C from 60-70°C) |
| Storage Temperature: | -40 to 80°C |
| Operating Humidity: | 5 to 95% RH (non-Condensing) |
| Cooling: | Convection cooling |
| Vibration: | 5 to 50Hz |
| MTBF: | >100,000 Hours at full load and 25°C ambient conditions |

General Specifications:

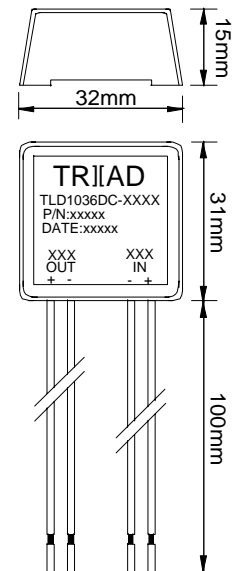
| | |
|----------------------------|---|
| Connections: | 4in leads - Input: 18 AWG; Output: 18 AWG |
| Dimensions (WxLxH): | 32.0x31.0x15.0mm |
| Weight: | 25g |
| Warranty: | 3 years @ 40°C, 100% Load |

Performance Graphs:



RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.



| Vin (DC) | Vout (DC) | IDC (A) | Max Watts |
|----------|-----------|---------|-----------|
| 40 | 2-32 | 0.700 | 22.4 |
| 36 | 2-30 | 0.700 | 21.0 |
| 32 | 2-28 | 0.700 | 19.6 |
| 30 | 2-26 | 0.700 | 18.2 |
| 28 | 2-24 | 0.700 | 16.8 |
| 24 | 2-22 | 0.700 | 15.4 |
| 15 | 2-12 | 0.700 | 8.4 |
| 12 | 2-10 | 0.700 | 7.0 |
| 10 | 2-8 | 0.700 | 5.6 |