

Switch Mode Power Supplies Encapsulated Constant Current

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: 10-40Vdc

Power Factor: >0.9 at full load, 115Vac

Output*: .700Adc±5%, Vout range: 2 to (Vin-2Vdc)

Efficiency: 90% Typical at full load

Maximum power: 26W
Output Current Regulation: ±5%

Protection: Short circuit protection: Auto-recovery

*Subject to Max power limitations



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:

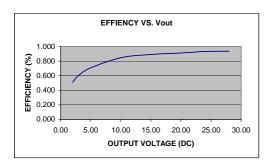
Connections: 4in leads - Input: 18 AWG; Output: 18 AWG

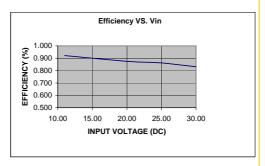
Dimensions (WxLxH): 32.0x31.0x15.0mm

Weight: 25g

Warranty: 3 years @ 40°C, 100% Load

Performance Graphs:



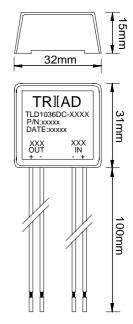


RoHS Compliance: This power supply meets the requirements 2002/95/EC, know as the RoHS initiative.

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

Web: www.TriadMagnetics.com Phone 951-277-0757 Fax 951-277-2757

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