

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: See Table

Power Factor: >0.9 at full load, 115Vac

Output*: .700Adc±5%, Vout range: See Table

Efficiency: 90% Typical at full load

Maximum power: 26W Output Current Regulation: ±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:

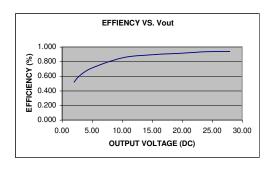
Connections: 4in leads - Input: 18 AWG; Output: 18 AWG

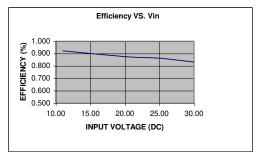
Dimensions (WxLxH): 32.0x31.0x15.0mm

Weight: 25g

Warranty: 3 years @ 40°C, 100% Load

Performance Graphs:



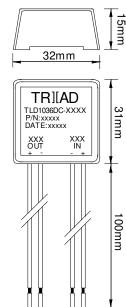


RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 initiative.

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

460 Harley Knox Blvd. Perris, California 92571





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

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