

### TLD1040-12

#### Description:

The TLD1040-12 is a compact and lightweight Constant Voltage Switch Mode Power Supply. Waterproof design within a 2x4 J box, IP66, NEMA 4 suitable for dry and damp locations. Convection cooled plastic housing. Designed for outdoor and indoor applications. Some typical applications include LED's, Lighting, etc.

#### Specifications (@25C)

##### Electrical Specifications:

Input Voltage:	100-304Vac <sup>1</sup>
Input Frequency Range:	47-63Hz
Max Input Current:	0.5A @ 115Vac; 0.25A @ 230Vac
Max Inrush Current:	<5A @ 115Vac, 10A @ 220Vac
Power Factor:	>0.9 at full load, 115Vac
Output:	12Vdc±5%, 3.33Adc Max
Crest Factor (Ipk):	1.5 Max.
Leakage Current:	300µA Typical
Efficiency:	84% Typical at full load
Current Accuracy:	±1% (when applicable)
Load Regulation:	±3%
Hold up time:	Half cycle minimum at 120 VAC and 80% of rated voltage
Protection:	Over-voltage, Over current and Short circuit protection: Auto-recovery

##### Environmental Specifications:

Operating Temperature:	-30 to 60°C (De-rating: 1%/°C from 60-70°C)
Storage Temperature:	-40 to 85°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
EMC:	Compliant to 47CFR, Part 2, Part 15 and CispR PUB, 22 Class B

##### General Specifications:

Connections:	5in leads - Input: 18 AWG; Output: 18 AWG
Dimensions (WxLxH):	70.0x95.0x32.0mm
Weight:	220g
Warranty:	3 years @ 40°C, 100% Load

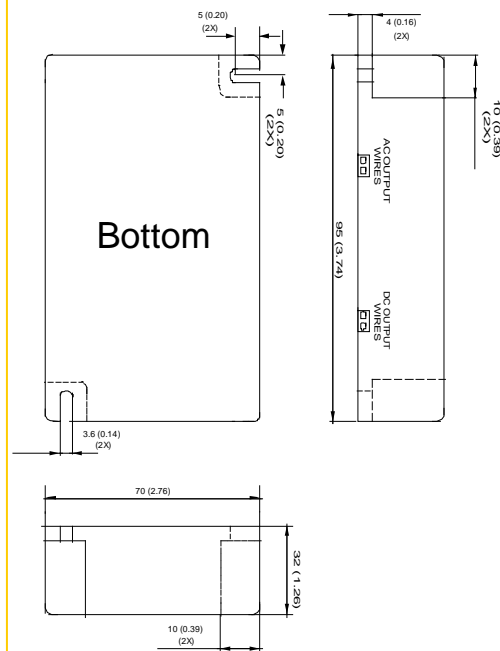
##### Safety Standards:

Standards:	UL (cUL) 1310, UL48 CE
------------	---------------------------



**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.



<sup>1</sup> Parts manufactured before November, 2010 have an input voltage range of 90 – 264VAC.

# AMEYA360

## Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit [www.ameya360.com](http://www.ameya360.com)

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email [amall@ameya360.com](mailto:amall@ameya360.com)

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email [service@ameya360.com](mailto:service@ameya360.com)

➤ Partnership :

Tel +86 (21) 64016692-8333

Email [mkt@ameya360.com](mailto:mkt@ameya360.com)