

### TLM4036DC-0350

#### Description:

The TLM4036DC-0350 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*:                   | .350Adc±5%, Vout range: See Table                                            |
| Efficiency:                | 90% Typical at full load                                                     |
| Maximum power:             | 26W                                                                          |
| Output Current Regulation: | ±5%                                                                          |
| Protection:                | Short circuit protection: Auto-recovery<br>*Subject to Max power limitations |

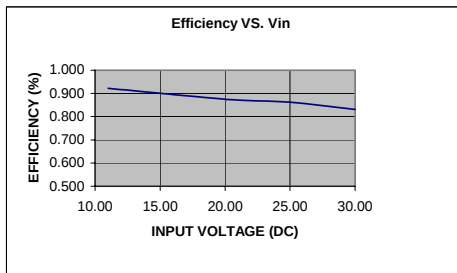
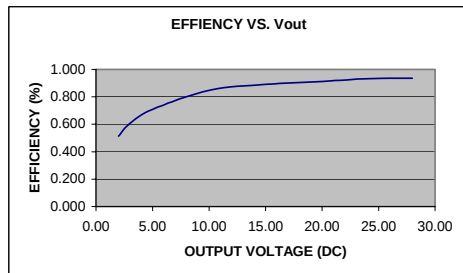
##### Environmental Specifications:

|                        |                                                         |
|------------------------|---------------------------------------------------------|
| 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:

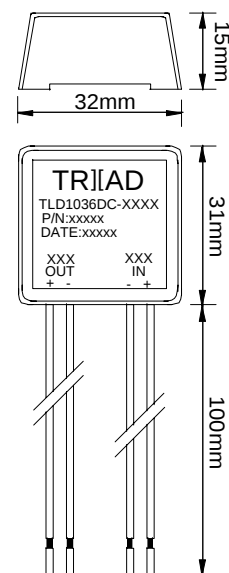
|                     |                                           |
|---------------------|-------------------------------------------|
| Connections:        | 4in leads - Input: 18 AWG; Output: 18 AWG |
| Dimensions (WxLxH): | 32.0x31.0x15.0mm                          |
| Weight:             | 25g                                       |
| 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       | 2-36      | 0.350   | 13.0      |
| 36       | 2-32      | 0.350   | 11.2      |
| 32       | 2-28      | 0.350   | 9.8       |
| 30       | 2-26      | 0.350   | 9.1       |
| 28       | 2-24      | 0.350   | 8.4       |
| 24       | 2-20      | 0.350   | 7.0       |
| 15       | 2-12      | 0.350   | 4.2       |
| 12       | 2-10      | 0.350   | 3.5       |
| 10       | 2-8       | 0.350   | 2.8       |

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