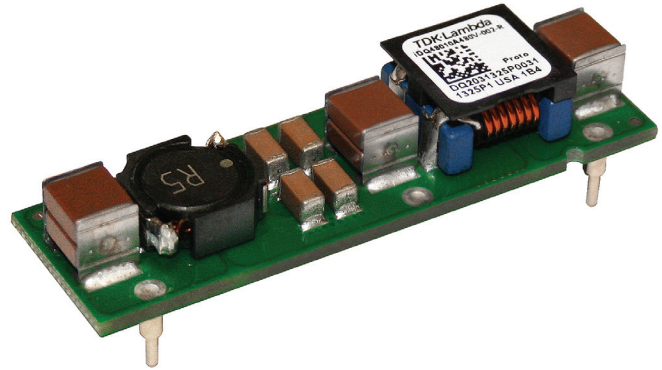


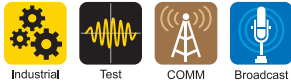
10A, 75VDC EMI Filters

Features

- ◆ Exceptional Differential Mode Performance
- ◆ Very Compact Size
- ◆ Minimal External Components Required*



Key Market Segments & Applications



Specifications

| Model | | iDQ48010A480V |
|-----------------------------|-----|--|
| Rated Voltage | VDC | 75VDC (100VDC for 100ms) |
| Rated Current | A | 10A |
| Withstand Voltage | VDC | Terminals to Ground: 1500VDC |
| Leakage Current | mA | Not Applicable |
| DC Resistance | mΩ | Positive leg: 11.5, Negative leg: 6.5 |
| Operating Temperature (1) | °C | -40 to +120 (see derating curve and measurement point) |
| Storage Temperature | °C | -55 to +125 |
| Safety Agency Certification | - | CE Mark |
| Size (LxWxH) | mm | 50 x 15 x 10.8mm |
| Weight (Typ) | g | 11.3 |
| Warranty | yrs | 3 |

Notes:

- 1) See full specification on website

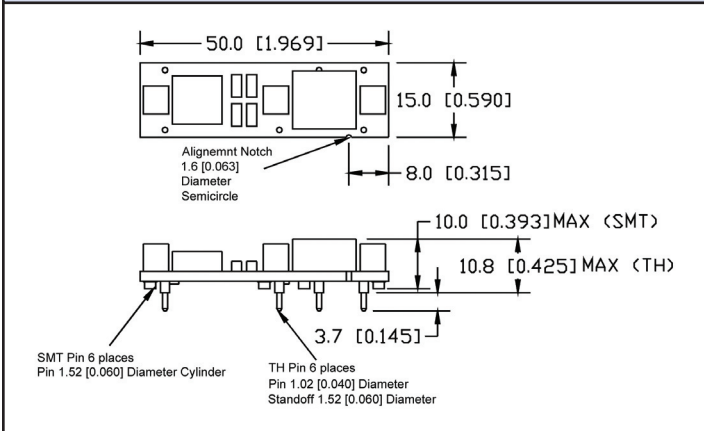
Model Selector

| Model | Surface Mount | Through Hole Mount Pins | Pin 6 Populated* |
|-------------------------|---------------|-------------------------|------------------|
| iDQ48010A480V-001-R (2) | X | | X |
| iDQ48010A480V-002-R | | 0.145" | |
| iDQ48010A480V-003-R (2) | | 0.145" | X |

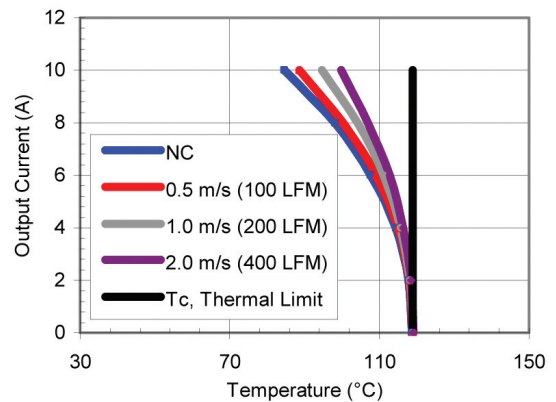
2) Contact factory for status

* Additional capacitance can be placed between pin 3 and pin 6, and also between pin 4 and pin 3 to increase the common mode noise attenuation.

Outline Drawing

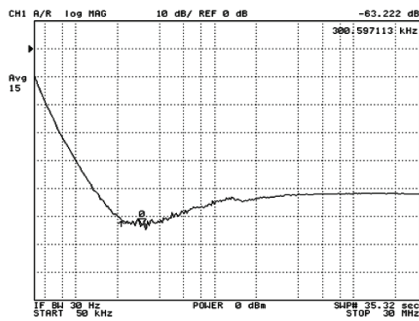


Derating

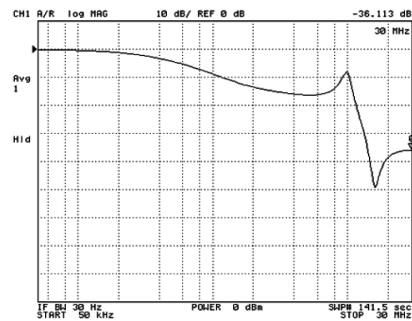


Attenuation Characteristics

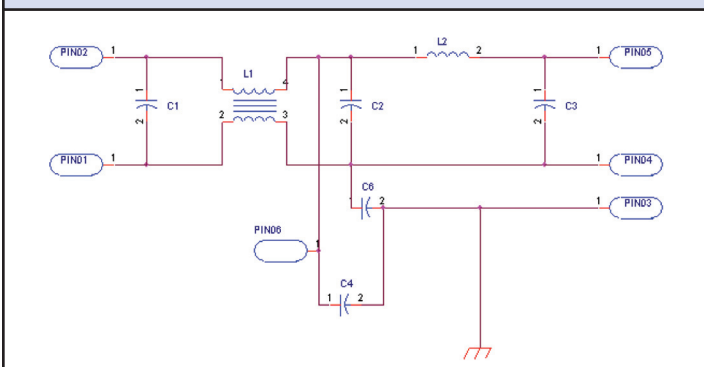
Typical Differential Mode Attenuation



Typical Common Mode Attenuation



Circuit



For Additional Information, please visit <https://product.tdk.com/en/power/>

