



40 AMP Surface Mount Current Sense Transformer –10848-GR



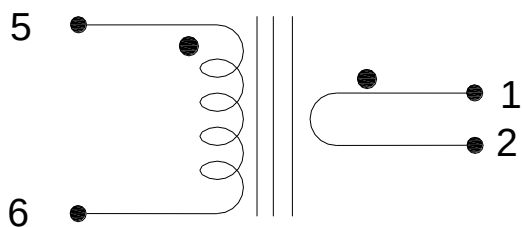
Key Features

- AECQ200 Qualified
- ROHS Compliant
- Designed, tested and manufactured for 300,000 KM (15 years)
- Custom footprint and additional turns options available
- RoHs and WEE compliant

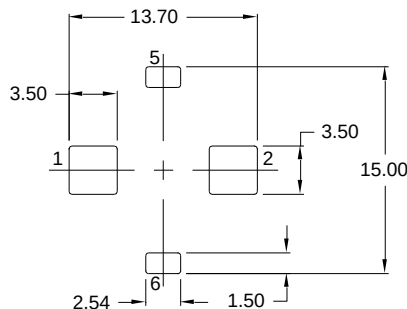
Electrical Characteristics @ 25c

- **5000 VRMS isolation**
- Primary current 40 AMP RMS continuous
- Secondary Inductance @ 100 kHz 10.3 mH nominal
- Secondary DCR 560 mΩ Maximum
- Turns ratio: 1:100
- Optional ratios, 1:50, 1:200 and custom

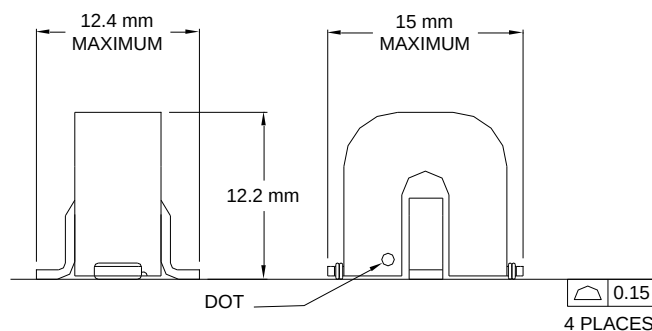
Schematic



PC Pattern



Dimensions



Design Parameters

AMBIENT TEMPERATURE: -40°C TO + 105°C
 OPERATING TEMPERATURE: -40°C TO + 155°C
 STORAGE TEMPERATURE RANGE: -10°C TO +55°C