



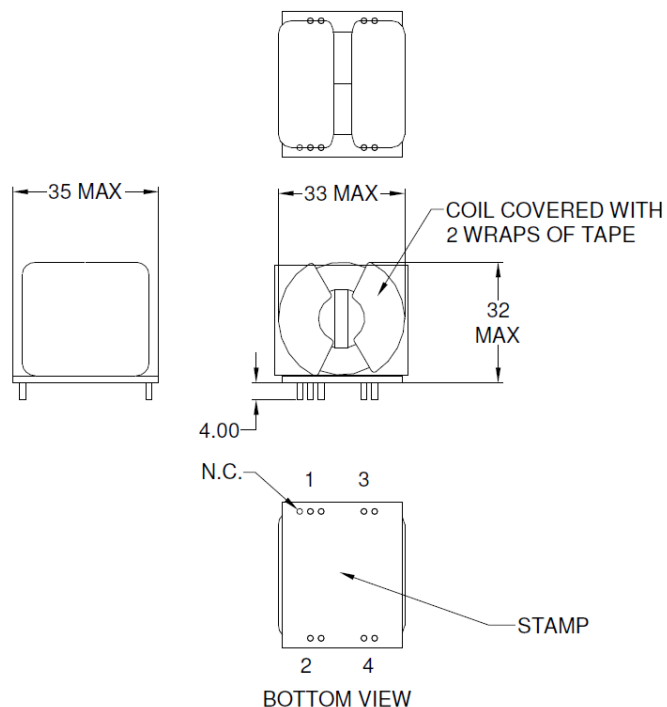
## 7KW Common Mode Choke – 11545-GR



### Key Features

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

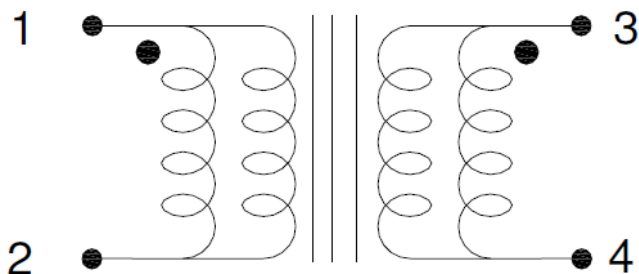
### Dimensions



### Electrical Characteristics @ 25c

- Isolation, pin 1 to 3: 2700 VDC, 6 s, 5  $\mu$ A max
- Inductance, pin 1 to pin 2: 1.16 mH  $\pm$  30% at 100 kHz 0.10 VRMS
- Inductance, pin 3 to pin 4: 1.16 mH  $\pm$  30 % at 100 kHz 0.10 VRMS
- Leakage Inductance, pin 1 to 2, short pin 3 & 4: 3.0  $\mu$ H max. at 100 kHz 0.10 VRMS
- DCR, pin 1to 2: 2.8 m  $\pm$  15%
- DCR, pin 3 to 4: 2.8 m  $\pm$  15%
- Insulation Resistance, pin 1 to pin 3: 100 M min. at 500 VDC

### Schematic



### Design Parameters

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