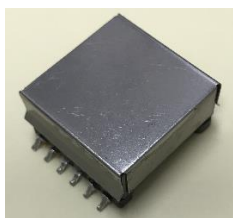




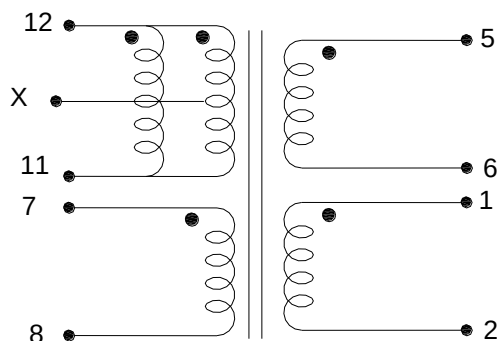
Housekeeping Transformer JLR-Charger –11548-GR



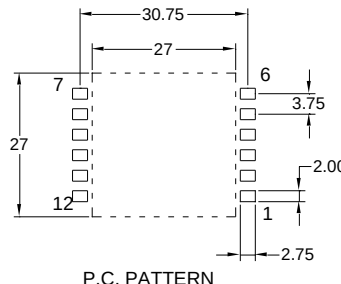
Electrical Characteristics @ 25c

- Isolation @ 2700 VDC from pin1 to pins 5, 11, & 7 Maximum leakage: 5 μ A
- Isolation @ 2700 VDC from pin5 to pins 11, & 7 Maximum leakage: 5 μ A
- Isolation @ 500 VDC from pin11 to pin 7 Maximum leakage: 5 μ A
- Isolation @ 500 VDC from pins 1, 5, 7, & 11 to the core Maximum leakage: 5 μ A
- Inductance, pin 11 to pin 12: 100 μ H $\pm$ 10% 150 kHz 0.10 VRMS
- Inductance, pin 1 to pin 2: 3.45 μ H $\pm$ 20% 150 kHz 0.10 VRMS
- Inductance, pin 7 to pin 8: 3.45 μ H $\pm$ 20% 150 kHz 0.10 VRMS
- Inductance, pin 5 to pin 6: 3.6 μ H $\pm$ 20% 150 kHz 0.10 VRMS
- Leakage Inductance Short pins 5, 6, 7, 8, 11 & 12 Pin1 to pin 2: 4 μ H max.
- Polarity: pins 12, 7, 5 & 1 are the same
- DCR, pin 12 to pin 11: 300 m Ω $\pm$ 15%
- DCR, pin 2 to pin 1: 50 m Ω $\pm$ 15%
- DCR, pin 5 to pin 6: 60 m Ω $\pm$ 15%
- DCR, pin 7 to pin 8: 50 m Ω $\pm$ 15%
- Insulation Resistance @ 500VDC Pin 12 to pins 1, 5, & 7: 100M Ω minimum

Schematic



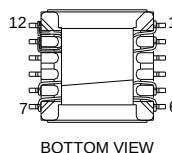
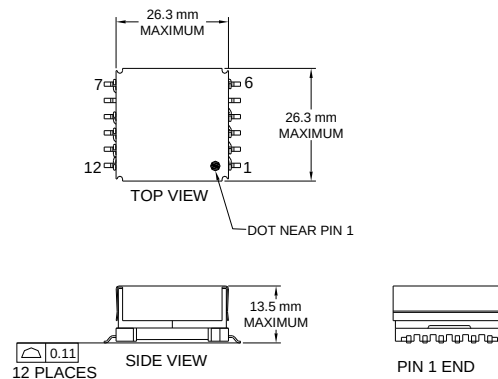
PC Pattern



Key Features

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

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