



SMT Flyback Transformer – 11546-GR



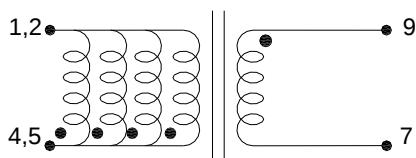
Key Features

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

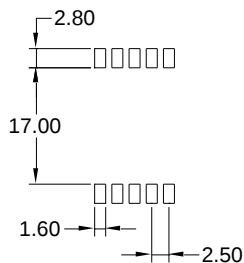
Electrical Characteristics @ 25c

- Isolation, pins 4&5 to 7 : 2700 VDC, 6 s, 5 μ A max.
- Isolation pin 4,5,& 7 to core 500vdc, 6s 5 μ A max
- Inductance, pins 4,5 to pins 1,2 1.5 μ H $\pm$ 15% @ 200 kHz 0.1 VRMS
- Inductance, pins 4,5 to pins 1,2 1.1 μ H minimum @ 200 kHz 0.1 VRMS & 8.2 ADC
- Leakage Inductance, pins 4,5 to pins 1,2 Pins 7&9 shorted 0.1 μ H maximum @ 200 kHz 0.1 VRMS
- Turns ratio pins 4,5 – 1,2 to pins 7 – 9 5:65
- DCR, pins 4,5 to 1,2: 8.5 m Ω $\pm$ 15%
- DCR, pin 9 to 7: 590 m Ω $\pm$ 15% **

Schematic

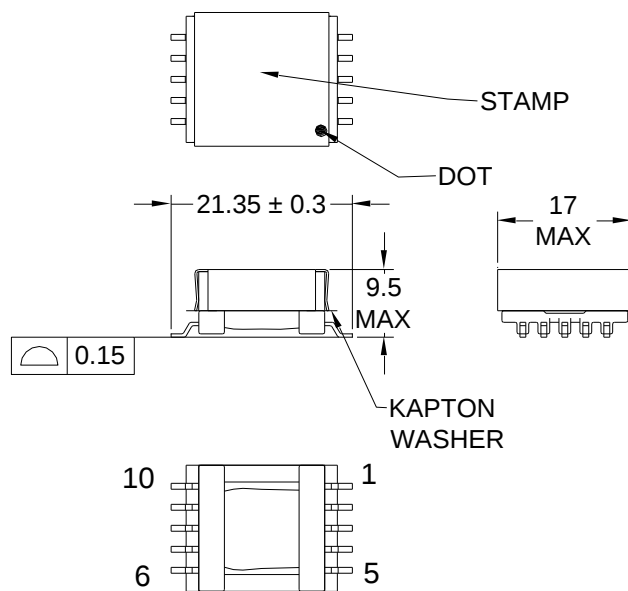


PC Pattern



P.C. PATTERN

Dimensions



BOTTOM VIEW

Design Parameters

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