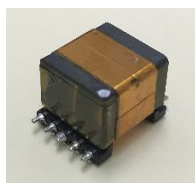
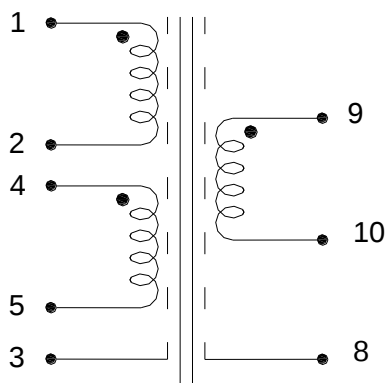
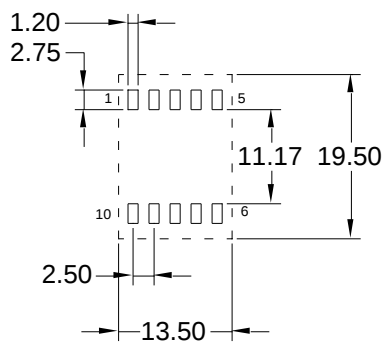
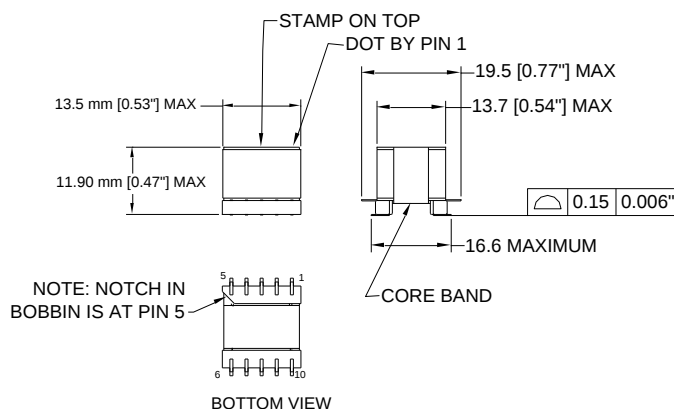


**BK Flyback Transformer –11553-GR****Electrical Characteristics @ 25c**

- PIN 9 TO PINS 1 & 4: ISOLATION @ 2930 VDC FOR 6 SECONDS, 5  $\mu$ A MAXIMUM
- PIN 3 TO PIN 8: ISOLATION @ 3200 VDC FOR 6 SECONDS, 5  $\mu$ A MAXIMUM
- PIN 8 TO PIN 1: ISOLATION @ 3200 VDC FOR 6 SECONDS, 5  $\mu$ A MAXIMUM
- PINS 1 & 3 TO PIN 4: ISOLATION @ 500 VDC FOR 6 SECONDS, 5  $\mu$ A MAXIMUM
- PIN 1 TO PIN 3: ISOLATION @ 500 VDC FOR 6 SECONDS, 5  $\mu$ A MAXIMUM
- PIN 4 TO THE CORE: ISOLATION @ 500 VDC FOR 6 SECONDS, 5  $\mu$ A MAXIMUM
- PIN 8 TO PIN 9: ISOLATION @ 500 VDC FOR 6 SECONDS, 5  $\mu$ A MAXIMUM
- INDUCTANCE @ 10 kHz 1.0 VRMS, PIN 1 TO PIN 2: 100  $\mu$ H  $\pm$  20%
- LEAKAGE INDUCTANCE @ 10 kHz 1.0 VRMS, PIN 1 TO PIN 2: 1  $\mu$ H MAXIMUM
- POARITY OF PINS 1, 4, & 9 ARE THE SAME
- TURNS RATIO, PINS 1 - 2 TO PINS 4 – 5: 10 : 20  $\pm$  1%
- TURNS RATIO, PINS 1 - 2 TO PINS 9 – 10: 10 : 9  $\pm$  1%
- DCR, PIN 1 TO PIN 2: 97.3 m $\Omega$   $\pm$  15 %
- DCR, PIN 4 TO PIN 5: 238 m $\Omega$   $\pm$  15 %
- DCR, PIN 9 TO PIN 10: 153 m $\Omega$   $\pm$  15 %

**Schematic****PC Pattern****P.C. 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