

TITLE
TRANSFORMER



1000 PARKERS LAKE ROAD
WAYZATA, MN 55391
(952) 475-1173

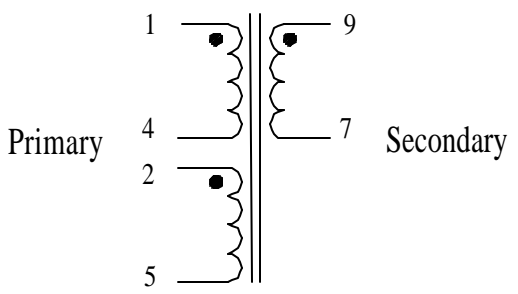
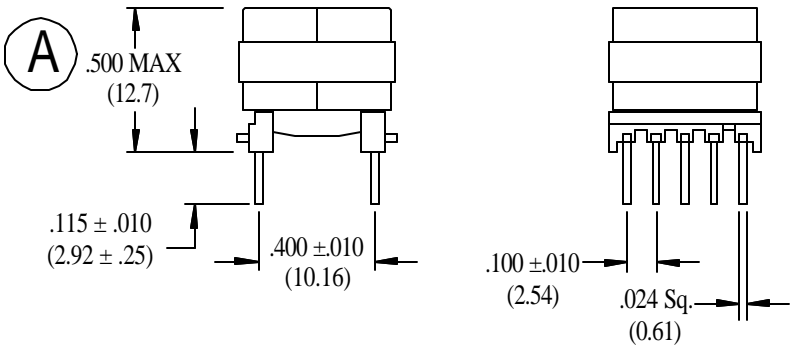
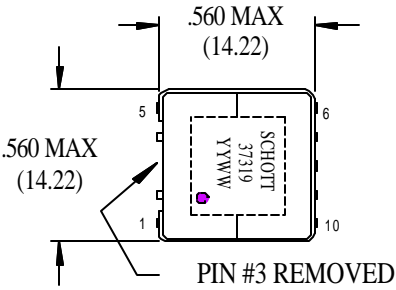
AGENCY APPROVAL:
NA

PART NUMBER 37319
REV 3 PAGE 1 END

SPECIFICATIONS

OPERATING TEMPERATURE: -40°C TO +85°C
EN60950 Certification Supplementary
isolation for a working voltage of 250 Vrms

1. INDUCTANCE: @ 0.1 VRMS, 10 kHz
1-5 TIE 4&2 = 3.80 TO 4.20 mH
2. LEAKAGE INDUCTANCE: @ 0.1 VRMS, 100 kHz
1-5 (TIE 4&2) SHORT (9-7) = 30 μH MAX
3. IWC: @ 0.1 Vrms, 100 kHz
1-9 (tie 4&2) = 50 pF MAX
4. TURNS RATIO: 1-5 (TIE 4&2) : 9-7 = 4 : 1 ± 1%
5. DC RESISTANCE: OHMS MAX
9-7 = 0.30
1-5 (TIE 4&2) = 4.8
6. DIELECTRIC STRENGTH:
1500 VAC 1 MINUTE (ALT. 2500 VDC, 1 SECOND)
PRIMARY TO SECONDARY - SAFETY CRITICAL
7. LONGITUDINAL BALANCE: 1 kHz TO 500 kHz = 55 dB MIN
8. FREQUENCY RESPONSE: 5 kHz TO 500 kHz = ± 0.8 dB
9. INSERTION LOSS: 1.7 dB MAX, 50 kHz,
Rs = 135 OHMS, Rl = 8.4 OHMS
10. THD: @ 2.7 kHz, 0.48 Vrms = -70 dB MAX
11. JUST/FAIL TEST PER SPS000 1-3



inches
(mm)

TOLERANCES UNLESS OTHERWISE NOTED	2 PLACE	3 PLACE	ANGLE
	+ .02	+ .005	+ °