

TITLE
**TRANSFORMER, ADSL
 CUSTOMER OFFICE**



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

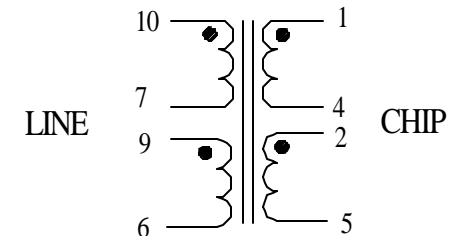
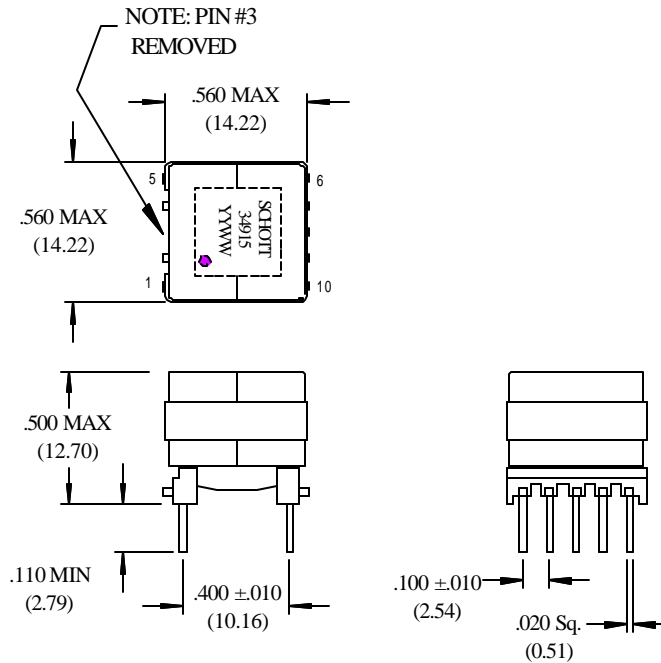
AGENCY APPROVAL:
 N/A

PART NUMBER
34915
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SPECIFICATIONS

TEMP CLASS 105°C
 DESIGNED TO MEET UL1950/IEC-950 REQUIREMENTS
 WORKING VOLTAGE 250 VRMS, SUPPLEMENTARY INSULATION

1. INDUCTANCE: @ 0.1 Vrms, 10 kHz
 1-5 (TIE 2&4) = 213 TO 260 μH
 10-6 (TIE 7&9) = 426 TO 521 μH
2. LEAKAGE INDUCTANCE: @ 0.1 Vrms, 100 kHz
 1-5 tie 2&4 (short 10&7, 9&6) = 10 μH MAX
3. IWC: 1-5 TO 10-6
 @ 100 kHz, 0.1Vrms = 30 pF MAX
4. TURNS RATIO: 1-5 : 10-6 TIE 7&9, 4&2, = 1 : 1.41 +/- 1%
5. DC RESISTANCE: OHMS
 1-4-2-5 = 0.80 MAX
 10-7-9-6 = 1.10 MAX
6. LONGITUDINAL BALANCE:
 V1 = 0 dBm @ 20 kHz TO 250 KHz, Rs = 100 OHMS INPUT,
 RI = 50 OHM LOAD, LINE = 10-6, GROUND PIN #5,
 CHIP = 1-5, V2 = 60 dB MIN
7. DIELECTRIC STRENGTH: 1500 Vac, 1 SECOND
 1&2 TO 10&9
 ALL WINDINGS TO CORE
8. HARMONIC DISTORTION:
 @ 100 kHz, 10-6 = 100 OHM INPUT,
 1-5 = 50 OHM LOAD,
 V1 = 15V p-p, V2 = -85 dB MAX
 (5.32 VRMS)
9. INSERTION LOSS: = 0.5 dB MAX
 @ 100 KHz TO 1.0 MHz
 LINE = 10-6, CHIP = 1-5
 Rs = 100 OHMS, RI = 50 OHMS



inches
 (mm)

TOLERANCES UNLESS OTHERWISE NOTED	2 PLACE	3 PLACE	ANGLE
	± .010	± .005	± °