TITLE			AGENCY APPROVAL:	PART NUMBER	34915
TRANSFORMER, ADSL CUSTOMER OFFICE	SCHOTT CORPORATION 1000 PARKERS LAKE ROAD WAYZATA. MN 55391 (952) 475-1173		N/A	REV 2	PAGE 1 END

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%

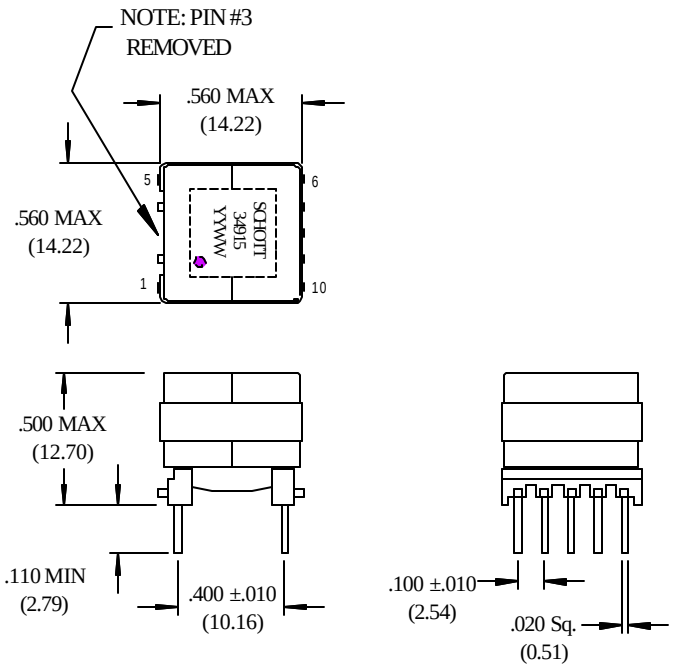
5. DC RESISTANCE: OHMS
   1-4-2-5 = 0.80 MAX
   10-7-9-6 = 1.10 MAX

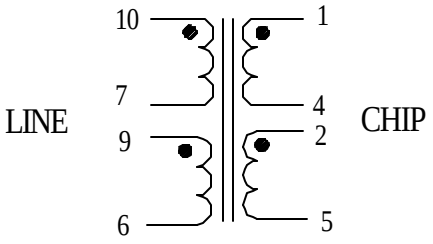
6. LONGITUDINAL BALANCE:
   V1 = 0 dBm @ 20 kHz TO 250 KHz, Rs = 100 OHMS INPUT,
   Rl = 50 OHM LOAD, LINE = 10-6, GROUND PIN #5,
   CHIP = 1-5, V2 = 60 dB MIN

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, Rl = 50 OHMS





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inches
(mm)

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