

TITLE
TRANSFORMER, ADSL
CENTRAL OFFICE



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

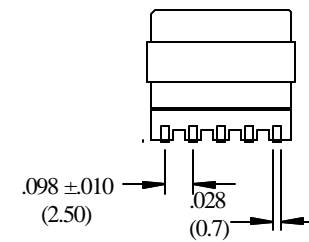
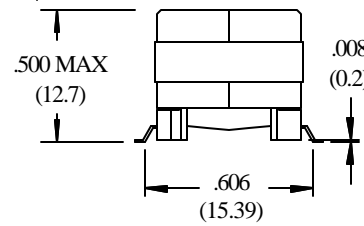
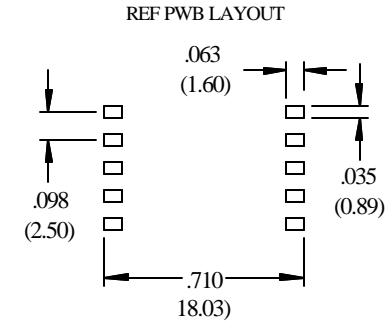
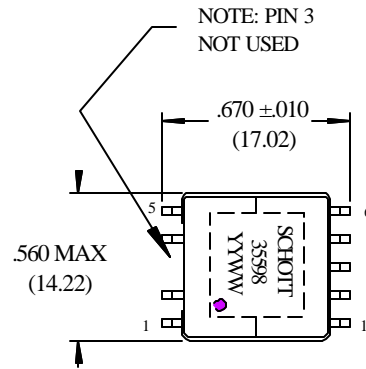
AGENCY APPROVAL:
PENDING

PART NUMBER 35598
 REV 2 PAGE 1 END

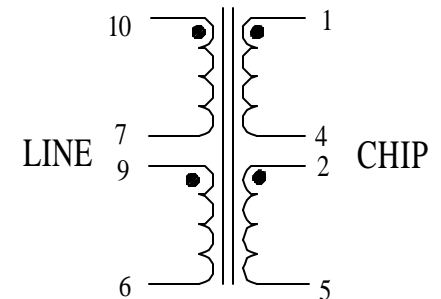
SPECIFICATIONS

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 6,7,9,10) = 15 μH MAX
3. IWC: @ 0.1 VRMS, 100 kHz
 1-5 TO 10-6 = 30 pF MAX
4. TURNS RATIO: 1-5 : 10-6 TIE 7&9, 4&2 = 1 : 1.41 +/- 1%
5. DC RESISTANCE: OHMS MAX
 1-4-2-5 = 0.8
 10-7-9-6 = 1.1
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 = 15 Vp-p, (5.32 Vrms)
 V2 = -85 dB MAX,
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



NOTE:
 COPLANARITY < .004 (0.10)



inch
 (mm)

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