TITLE		AGENCY APPROVAL:	PART NUMBER 35598
TRANSFORMER, ADSL CENTRAL OFFICE	SCHOTT CORPORATION 1000 PARKERS LAKE ROAD WAYZATA. MN 55391 (952) 475-1173	PENDING	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%

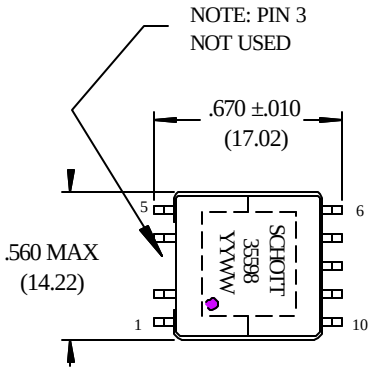
5. DC RESISTANCE: OHMS MAX
   1-4-2-5 = 0.8
   10-7-9-6 = 1.1

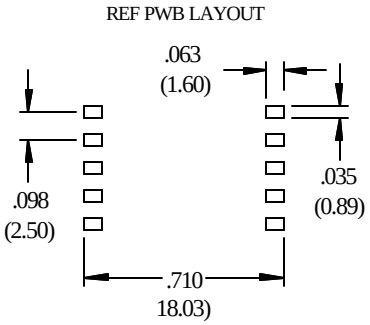
6. LONGITUDINAL BALANCE:
   V1 = 0 dBm @ 20 kHz TO 250 kHz, Rs = 100 OHMS
   INPUT, Rl = 50 OHM LOAD, LINE = 10-6, GROUND
   PIN #5, CHIP = 1-5, V2 = 60 dB MIN

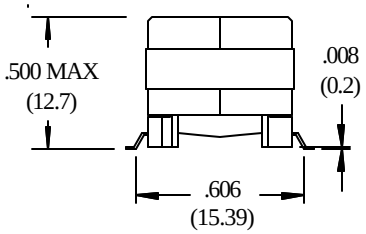
7. DIELECTRIC STRENGTH: 1500 VAC, 1 SECOND
   1&2 TO 10 & 9
   ALL WINDINGS TO CORE

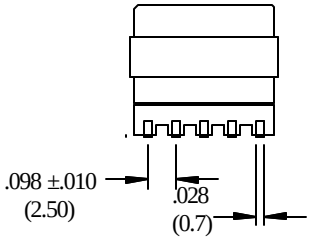
8. HARMONIC DISTORTION: @ 100 kHz, 10-6 = 100 OHM
   INPUT, 1-5 = 50 OHM LOAD, V1 = 15 Vp-p, (5.32 Vrms)
   V2 = -85 dB MAX,

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

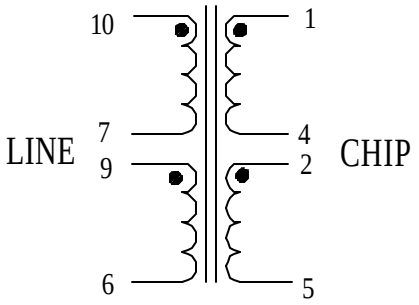








NOTE:
COPLANARITY < .004 (0.10)



inch
(mm)

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

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