TITLE				
TRANSFORMER, ADSL CUSTOMER PREMISE	SCHOTT CORPORATION 1000 PARKERS LAKE ROAD WAYZATA. MN 55391 (952) 475-1173	AGENCY APPROVAL: UL E145198	PART NUMBER 35625 REV E	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
   1-4 = 1.425 TO 1.575 mH

2. LEAKAGE INDUCTANCE: @ 0.1 VRMS, 100 kHz
   1-4 W/ 10-7 SHORTED = 18 µH MAX

3. IWC: @ 0.1 VRMS, 100 kHz
   1-4 TO 10-7 = 35 pF MAX

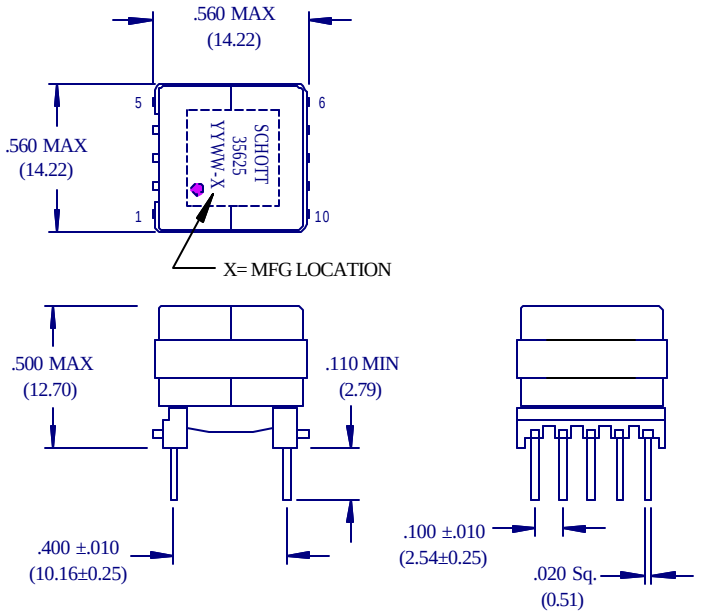
4. TURNS RATIO: 10-7 : 1-4 = 1 : 1.423 ± 2%

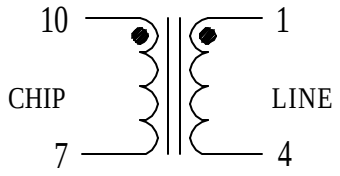
5. DC RESISTANCE: OHMS MAX
   1-4 = 2.70
   10-7 = 0.80

6. LONGITUDINAL BALANCE:
   V1 = 0 dBm @ 100 kHz, Rs = 100 OHMS INPUT
   Rl = 48.9 OHM LOAD, LINE = 1-4,
   CHIP = 10-7, V2 = 60 dB MIN

7. DIELECTRIC STRENGTH: 1500 VAC, 1 MINUTE
   (2500 VDC, 1 SECOND MINIMUM AUTOMATIC TEST
   2 SECOND MINIMUM MANUAL TEST)
   1-4 TO 10-7
   ALL WINDINGS TO CORE

8. HARMONIC DISTORTION:
   V1 = 15 Vp-p (5.32 VRMS) @ 100 kHz,
   Rs = 100 OHMS, Rl = 48.9 OHMS
   LINE = 1-4, CHIP = 10-7
   V2 = -80 dB MAX





inch
(mm)

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

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