TITLE	TRANSFORMER, SHDSL	SCHOTT CORPORATION	1000 PARKERS LAKE ROAD WAYZATA. MN 55391 (952) 475-1173	AGENCY APPROVAL: PENDING	PART NUMBER 38137 REV S2 PAGE 1 END

SPECIFICATIONS

Designed to meet UL1950/IEC950 with
supplementary isolation for a working voltage < = 250 VRMS

1. INDUCTANCE: 0.1 VRMS, 10 kHz
   1-5 TIE 4&2 = 2.82 TO 3.18 mH (3.0mH +/- 6%)

2. LEAKAGE INDUCTANCE: 0.1 VRMS, 100 kHz
   1-5 TIE 4&2, SHORT (9-7) = 15µH MAX

3. TURNS RATIO: 1-5 (TIE 4&2) : 9-7 = 5.46 : 1 ± 1%

4. DC RESISTANCE: OHMS MAX
   1-4 = 1.50
   2-5 = 1.50
   9-7 = .33

5. DIELECTRIC STRENGTH:
2050 VAC, 1 SECOND (ALT. 2900 VDC, 1 SECOND)
(1,4,2,5) TO (9,7)
1500 VAC, 1 SECOND, ALL WINDINGS TO CORE

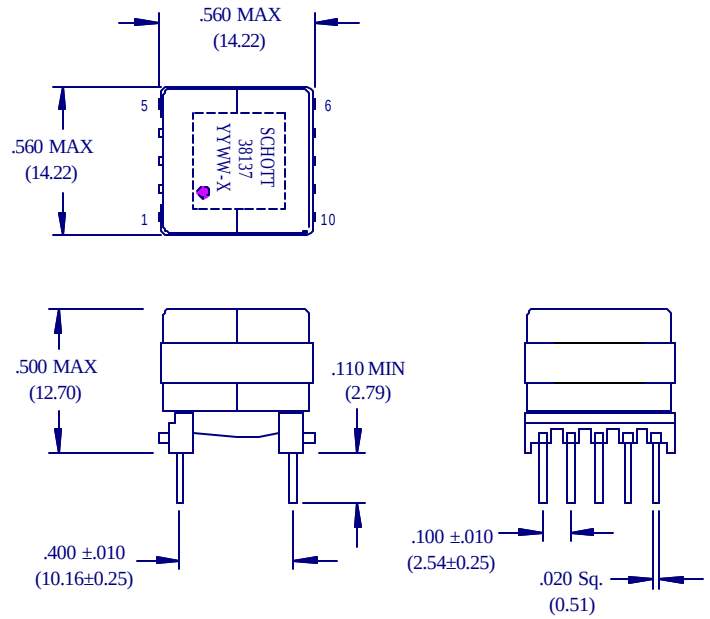
6. LONGITUDINAL BALANCE:
   20 kHz TO 250 kHz = 60 dB MIN

7. FREQUENCY RESPONSE: 17 kHz TO 600 kHz (ref.100kHz)= +/- .5 dB

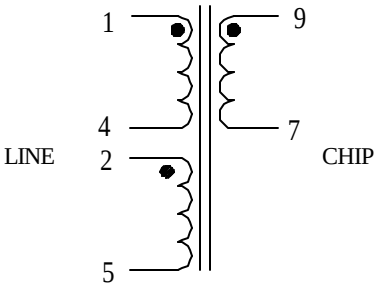
8. INSERTION LOSS: 100 kHz, = .5dB MAX

9. IWC: : 10 kHz, 1 Vrms, (1,4,2,5) to (9-7) = 75pF MAX

10. THD: 40 kHz, 4.3 Vrms = -90dB MAX
    5 kHz, 2.0 Vrms = -75dB Max



NOTE:
COPLANARITY < .004 (0.10)



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inch
(mm)

TOLERANCES UNLESS OTHERWISE NOTED	2 PLACE	3 PLACE	ANGLE
	± .02	.005	± °