TITLE	SCHOTT CORPORATION	AGENCY APPROVAL:	PART NUMBER 28887
TRANSFORMER, HDSL 2 : 1, 0.5 mH	1000 PARKERS LAKE ROAD WAYZATA, MN 55391	N/A	REV B · PAGE 1 END

SPECIFICATIONS

1. TEMP CLASS 105°C

2. INDUCTANCE: @ 10 KHz, 0.1 V
   1-2-3-4 = 5 mHy ± 5%

3. LEAKAGE INDUCTANCE: @ 100 KHz
   1-2-3-4 W/ 5-8 SHORTED = 50 µhY MAX

4. TURNS RATIO:
   1-2 : 3-4 : 5-8 = 1 : 1 : 1 ± 2%

5. INTERWINDING CAPACITANCE: @ 100 KHz
   5-8 TO 1,2,3,4 = 75 pF MAX
   GROUND PIN 6

6. DC RESISTANCE: 1-2, 3-4 = 1.6 OHM ± 10%
   5-8 = 2.1 OHM ± 10%

7. RETURN LOSS: 1-2-3-4, REF 135 OHM, 5-8
   LOADED 30 OHM: 20 KHz - 80 KHz = -17 dB MAX
   20 dB/DECADE BEYOND

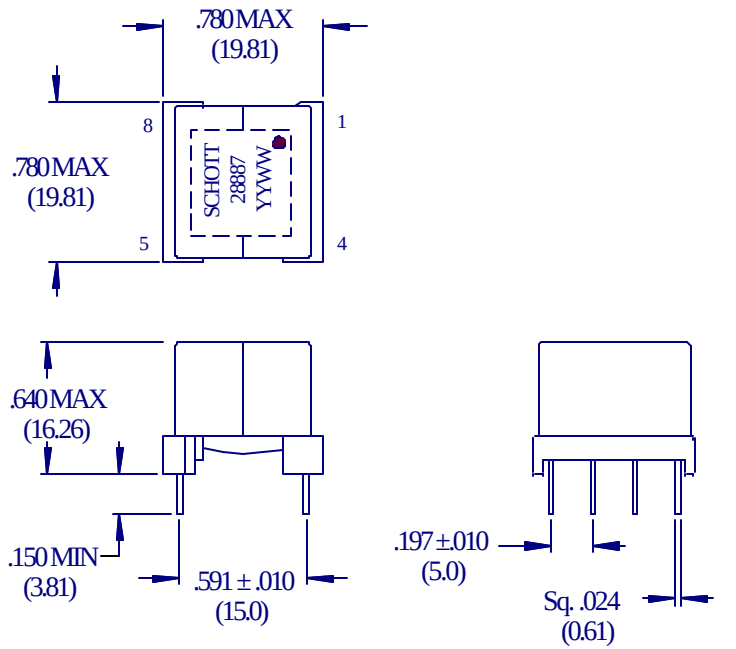
8. LONGITUDINAL BALANCE: 1-2-3-4 @ 135 OHM
   200 KHz = 55 dB MIN

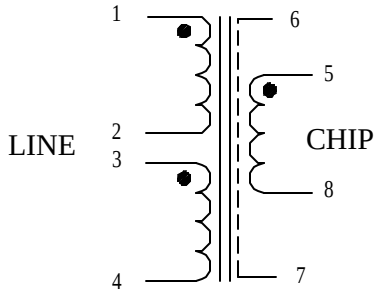
9. FREQUENCY RESPONSE: 1-2-3-4 REF = 135 OHM
   LOAD 30 OHMS, 20-80 KHz = 0.2 dB MAX

10. HARMONIC DISTORTION: 135 OHM, 20 KHz,
    60 mAdc, 5 V p-p = 70 dB MIN
    NOTE: NOT NECESSARY TO TEST IN PRODUCTION.

11. DIELECTRIC STRENGTH: 3550 Vdc

This transformer designed for use with Brooktree 8958





GROUND ONLY
ONE END OF SHIELD

inches
(mm)

TOLERANCES UNLESS OTHERWISE NOTED	2 PLACE	3 PLACE	ANGLE
	± .01	± .005	± °