TITLE		AGENCY APPROVAL:	PART NUMBER 22320
TRANSFORMER, HDSL E1, 160MA DC	SCHOTT CORPORATION 1000 PARKERS LAKE ROAD WAYZATA, MN 55391	N/A	REV F PAGE 1 END

OLD P/N 67141280

SPECIFICATIONS

1. TEMP CLASS 105° C

2. INDUCTANCE: @ 0.1 V, 10 KHz
   5-8 = 2 mHy ± 3 %

3. LEAKAGE INDUCTANCE: @ .1V, 100 KHz, 5-8
   WITH 1-2-3-4 SHORTED = 20 µHy MAX

4. INTERWINDING CAPACITANCE: @ .1V, 100 KHz
   5-8 TO 1-2-3-4 = 100 pF MAX

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

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

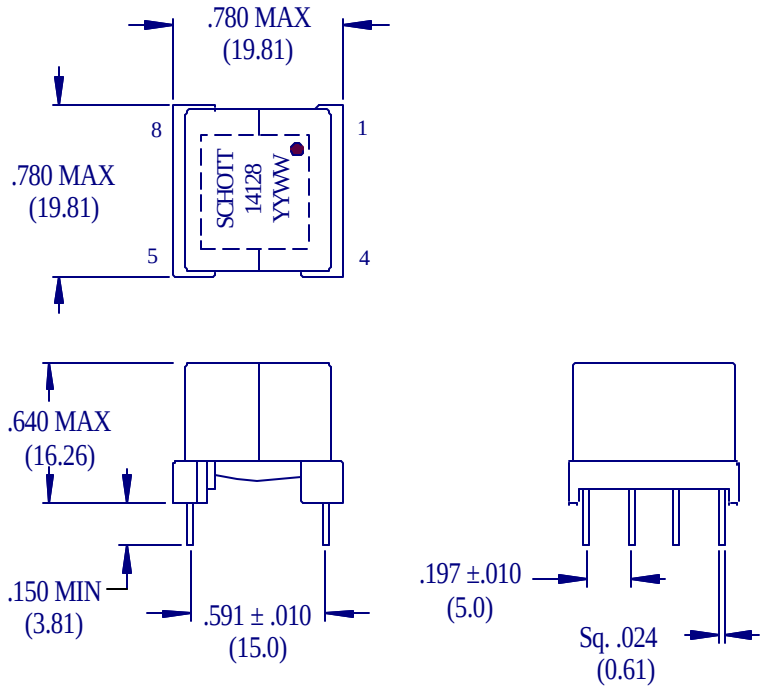
7. RETURN LOSS 1-2-3-4 REF @ 135 OHM,
   131 OHM + 0.001 mfd LOAD ON 5-8
   @ 5 KHz = 2.5 dB MIN
   @ 40 KHz = 16 dB MIN
   @ 100-400 KHz = 22 dB MIN
   @ 2 MHz = 4 dB MIN

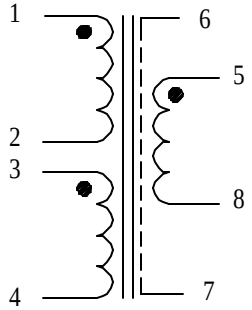
8. LONGITUDINAL BALANCE: @ 135 OHM, 200 KHz,
   1-2-3-4 = 53 dB MIN

9. HARMONIC DISTORTION: 135 OHM, 200 KHz, 160 ma, 5 Vp-p > -70 dB
   (DO NOT NEED TO TEST IN PRODUCTION)

10. DIELECTRIC STRENGTH: 1-2-3-4 TO 5-8 = 2500 VAC

11. INSULATION RESISTANCE: @ 500 VDC
    1-2-3-4 TO 5-8 = 1 K MEGOHM MIN,





GROUND ONLY
ONE END OF SHIELD

inches
(mm)

TOLERANCES UNLESS OTHERWISE NOTED	2 PLACE	3 PLACE	ANGLE
	± .010	± .005	± °

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