

TITLE
TRANSFORMER, HDSL
2 : 1, 0.5 mH

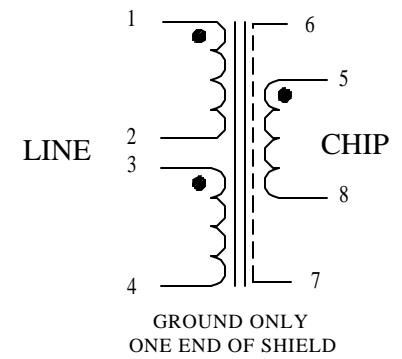
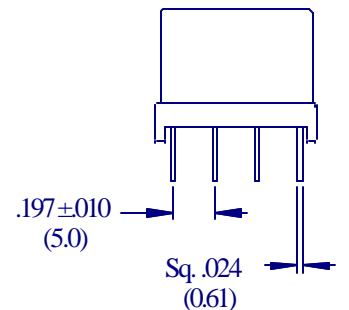
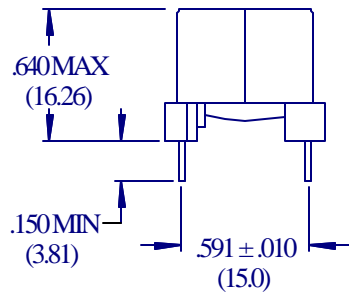
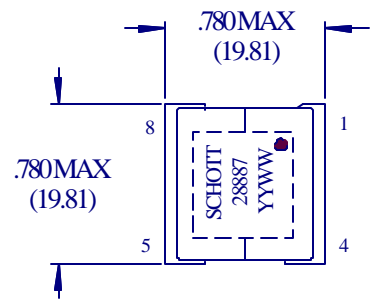
SCHOTT
 CORPORATION
 1000 PARKERS LAKE ROAD
 WAYZATA, MN 55391

AGENCY APPROVAL:
 N/A

PART NUMBER 28887
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

inches
(mm)

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