

TITLE

TRANSFORMER HDSL 748 kbps

PN

29330

AGENCY APPROVAL - NA

REV

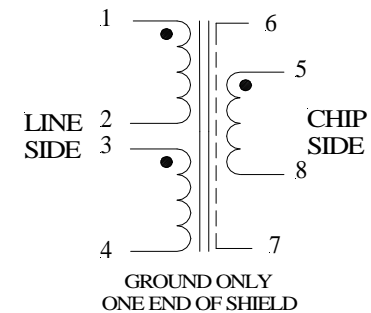
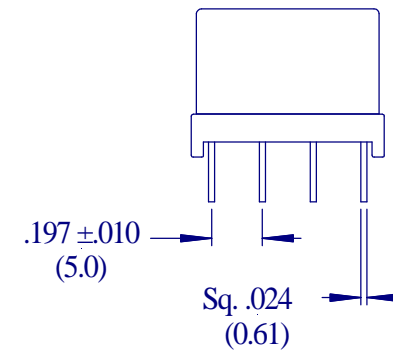
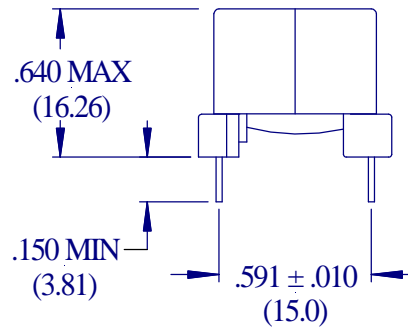
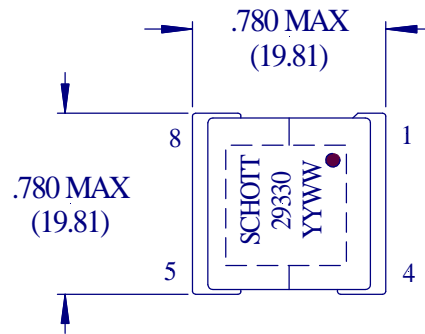
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**SPECIFICATIONS**

TEMP CLASS 105°C

1. INDUCTANCE: (1-2-3-4) @ 10 Khz, 0.1V = 3 mhy ±3%
2. TURNS RATIO: (1-2):(3-4):(5-8) = 1:1:1 ±2%
3. LEAKAGE INDUCTANCE: (1-2-3-4) @ 100 Khz,  
WITH (5-8) SHORTED < 40 µhy
4. INTERWINDING CAPACITANCE: (5-8) TO (1-2-3-4)  
@ 100 Khz < 75 pf
5. DC RESISTANCE: (5-8) = 1.05 OHMS ±10%  
(1-2),(3-4), = 1.25 OHMS ±10%
6. RETURN LOSS: (1-2-3-4) REF 135 OHMS, (5-8) LOADED  
30OHMS 40 - 200 Khz > 20 db,  
TEST WITH 30 OHM LOAD IN PARALLEL WITH .001 mfd  
CAPACITOR
7. LONGITUDINAL BALANCE: 1-2-3-4 @ 135 OHMS  
200 Khz > 50 db RS = 135 OHMS RL = 30 OHMS
8. HARMONIC DISTORION: 135 OHMS, 100 Khz, 160mADC,  
3.5 Vrms > -70 db  
DO NOT NEED TO TEST IN PRODUCTION.
10. DIELECTRIC STRENGTH: 2500 AC (1-2-3-4) TO (5-6)
11. INSULATION RESISTANCE: @ 500 Vdc > 500 MEGOHMS

DESIGNED FOR USE WITH BROOKTREE 8921/8952



TOLERANCES UNLESS OTHERWISE SPECIFIED

|                  |            |             |             |
|------------------|------------|-------------|-------------|
| INCHES-DECIMALS  | XX = ± .01 | XXX = ±.005 | ANGLES ± 1° |
| MILLIMETERS (mm) | XX = ± 0.2 |             |             |