

TITLE
TRANSFORMER, ADSL
CENTRAL OFFICE

SCHOTT
 CORPORATION
 1000 PARKERS LAKE ROAD
 WAYZATA, MN 55391

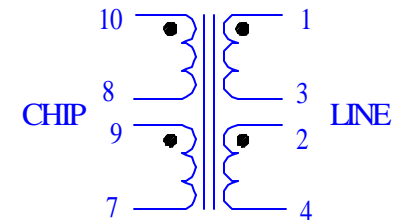
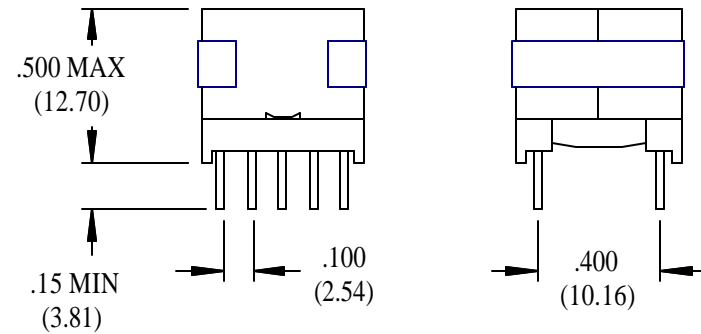
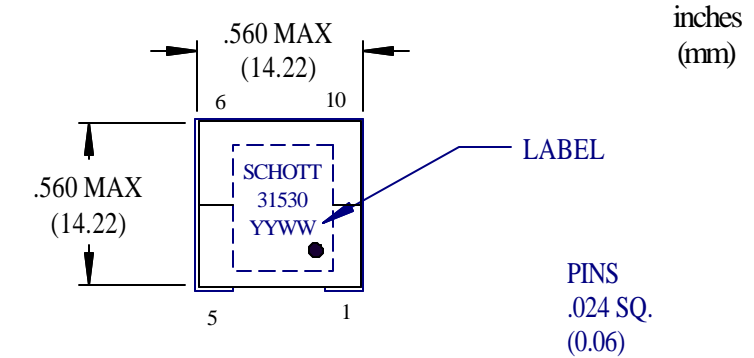
AGENCY APPROVAL
BABT PENDING

PART NUMBER
31530
 REV 2 PAGE 1 END

SPECIFICATIONS

TEMP CLASS 105°C
 Designed to meet UL1950/IEC-950 Requirements
 for working voltage of 250 Vrms, Supplementary Insulation

1. INDUCTANCE: @ 0.1 Vrms, 10 KHz,
 10-8-9-7 = 853.2 TO1042.8 μH
2. LEAKAGE INDUCTANCE: @ 0.1 Vrms, 100 KHz
 10-8-9-7 W/ 1-3-2-4 SHORTED = 10 μH MAX
3. IWC: 1-3-2-4 TO 10-8-9-7
 @ 100 KHz, 0.1Vrms = 25 pF MAX
4. TURNS RATIO: 10-8 : 9-7 : 1-3 : 2-4 = 1.40 : 1.40 : 1 : 1 ± 2%
5. DC RESISTANCE: OHMS MAX
 1-3, 2-4 = 0.75
 10-8, 9-7 = 1.20
6. LONGITUDINAL BALANCE:
 @ 100 KHz, 100 OHMS, = - 60 dB MIN
7. DWV: 1500 Vac (1 minute qualification test)
 2500 Vdc (or 1800 Vac) Schott production test
 1-2-3-4 TO 7-8-9-10 - Safety Critical
 ALL WINDINGS TO CORE
8. HARMONIC DISTORTION:
 @ 100 KHz, 100 OHM, 15 Vp-p, = -80 dB MIN



TOLERANCES	2 PLACE	3 PLACE	ANGLE
UNLESS OTHERWISE NOTED	+ .02	+ .010	+ °