

TITLE
TRANSFORMER, ADSL

SCHOTT
 CORPORATION
 1000 PARKERS LAKE ROAD
 WAYZATA, MN 55391

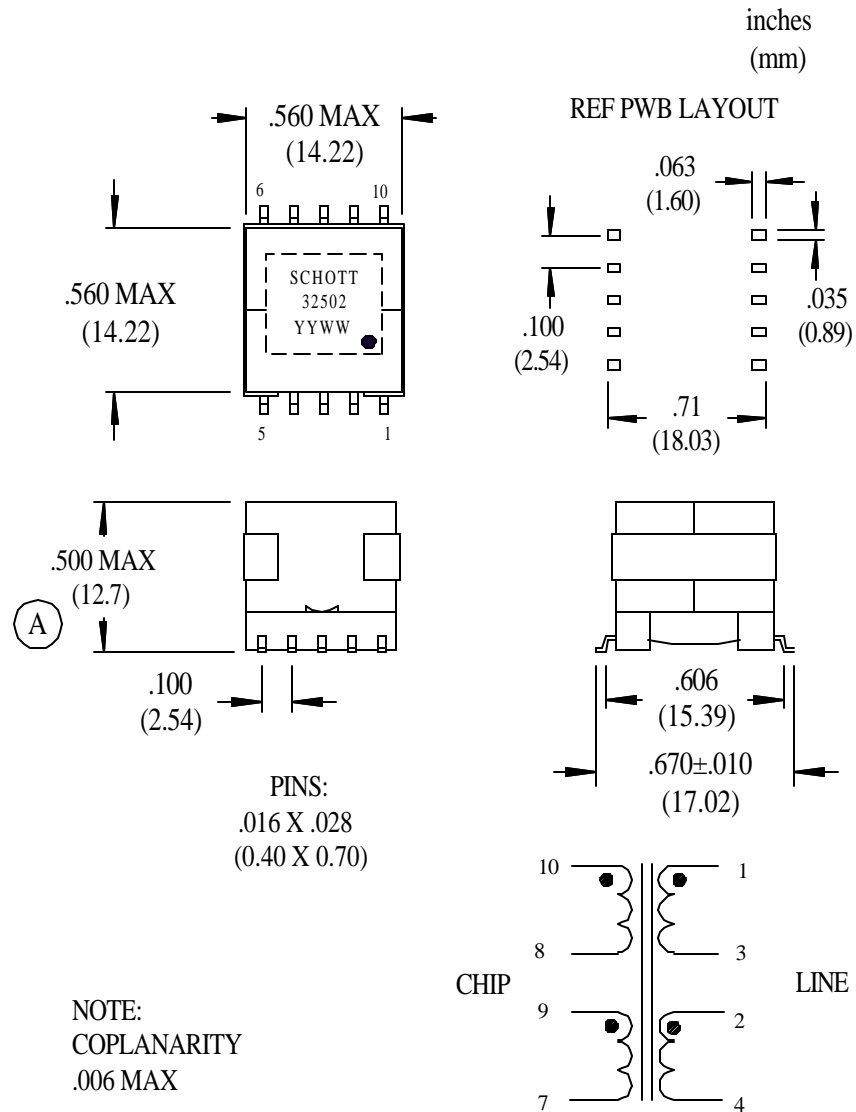
AGENCY APPROVAL:
 BABT # 609608

PART NUMBER
32502
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SPECIFICATIONS

TEMP CLASS 130°C
 Designed to meet UL1950/IEC-950 requirements.
 Working Voltage 250 Vrms, Supplementary Insulation

1. INDUCTANCE: @ 10 kHz, 0.1 Vrms
 10-7 tie 8&9 = 4.5 to 5.5 mH
2. LEAKAGE INDUCTANCE: @ 100 kHz, 0.1 Vrms
 10-7 (tie 8&9, 1&3, 2&4) = 15 µH Max.
3. INTERWINDING CAPACITANCE: @ 100 kHz, 0.1 Vrms
 1-10, (tie 2&3 and 8&9) = 45 pF Max.
4. TURNS RATIO:
 1-4 to 10-7 (tie 2&3 and 8&9) = 1 : 1 ± 2%
5. DC RESISTANCE: OHMS
 1-3 = 1.40 Max.
 2-4 = 1.40 Max.
 7-9 = 1.40 Max.
 8-10 = 1.40 Max.
 OR: 1-4, TIE 2 & 3 = 2.8 MAX
 7-10 TIE 8 & 9 = 2.8 MAX
6. LONGITUDINAL BALANCE: 100 kHz
 7-10, 100 OHM INPUT = 50 dB MIN
7. TOTAL HARMONIC DISTORTION: 100 kHz, 4.0 V,
 (1-4), 100 OHM INPUT = - 80 dB MAX
8. DWV: 1500 VAC 1 minute
 (1800 Vac or 2500 Vdc, 1 second Schott production test)
 TRIP CURRENT 2 mA MAX
 1,2,3,4 to 7,8,9,10
 ALL WINDINGS TO CORE



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