

TITLE
TRANSFORMER, ADSL
CO

SCHOTT
 CORPORATION
 1000 PARKERS LAKE ROAD
 WAYZATA, MN 55391

AGENCY APPROVAL:
 BABT CERT # 610066
 UL E145198

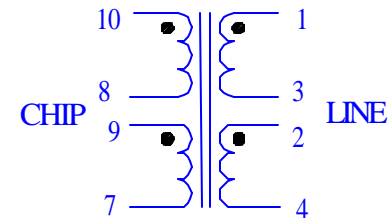
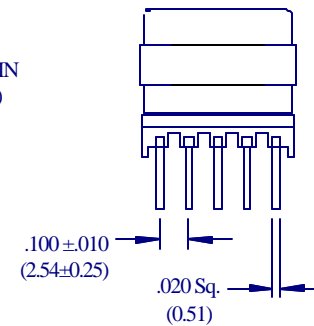
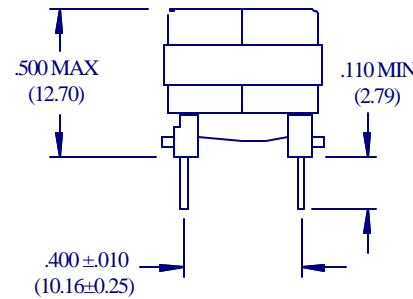
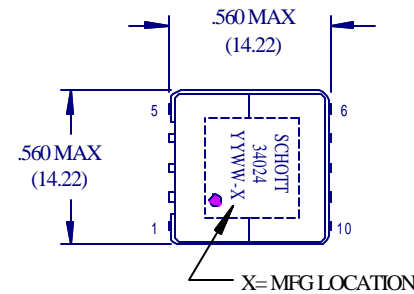
PART NUMBER
34024
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SPECIFICATIONS

TEMP CLASS 105°C
 Designed to meet UL1950/IEC-950 Requirements
 Working Voltage 250 Vrms, Supplementary Insulation

1. INDUCTANCE: @ 0.1 Vrms, 10 KHz,
 10-8-9-7 = 97.3 to 107.5 μH
 1-3-2-4 = 389 TO 430 μH
2. LEAKAGE INDUCTANCE: @ 0.1 Vrms, 100 KHz
 10-8-9-7 W/ 1-3-2-4 SHORTED = 5 μH MAX
 1-3-2-4 W/ 10-8-9-7 SHORTED = 10 μH MAX
3. IWC: 1-3-2-4 TO 10-8-9-7
 @ 100 KHz, 0.1Vrms = 30 pF MAX
4. TURNS RATIO: 10-8 : 9-7 : 1-3 : 2-4 = 1 : 1 : 2 : 2 ± 2%
5. DC RESISTANCE: OHMS MAX
 1-3, 2-4 = 0.40
 10-8, 9-7 = 0.25
6. LONGITUDINAL BALANCE: V1 = 0 dBm @ 100 KHz,
 Rs = 100 OHMS, Rl = 25 OHMS, LINE = 1-3-2-4,
 CHIP = 10-8-9-7, V2 = 60 dB MIN
7. DIELECTRIC STRENGTH: 1500 VAC, 1 minute,
 (2500 VDC 1 second minimum automatic test,
 2 second minimum manual test)
 1-2-3-4 TO 7-8-9-10
 ALL WINDINGS TO CORE
8. HARMONIC DISTORTION: V1 = 5.32 VRMS @ 100 KHz,
 Rs = 100 OHMS, Rl = 25 OHMS,
 LINE = 1-3-2-4, CHIP = 10-8-9-7, V2 = -80 dB MAX

inches
 (mm)



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