


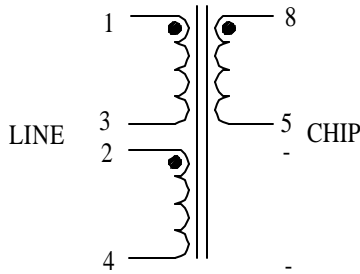
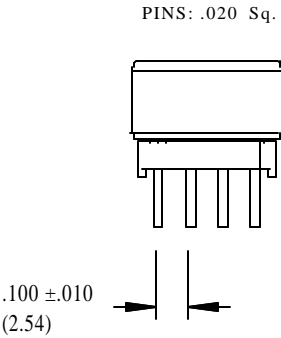
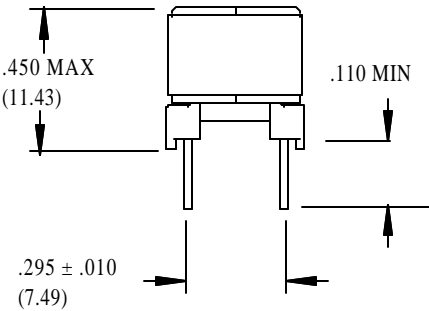
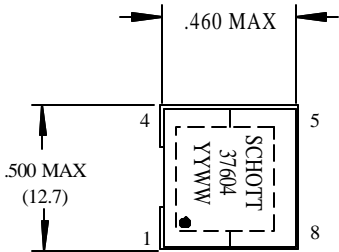
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|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------------|------------|
| TITLE TRANSFORMER, ADSL |  1000 PARKERS LAKE ROAD WAYZATA, MN 55391 (952) 475-1173 | AGENCY APPROVAL: N/A | PART NUMBER 37604 | |
| | | | REV S1 | PAGE 1 END |

SPECIFICATIONS

Designed to meet UL1950/EN60950 with supplementary insulation for a working voltage of 250V.

TEMP CLASS: 105° C, Flammability: UL 94V-O
 Operating Temperature Range -40°C to +85°C

- INDUCTANCE:** @ 0.1 V, 10 kHz @ 0 and 25 mAc
 1-4 (tie 2-3) = 2.70 TO 3.30 mH (3.0 mH ± 10%)
- LEAKAGE INDUCTANCE:** @ 0.1 VRMS, 100 kHz
 1-4 tie 2&3(short 8-5) = 30 µH Max
- IWC:** @ 0.1 VRMS, 100 kHz
 1 TO 8 tie 3 & 2, 1&4, 8 & 5 = 50 pF MAX
- URNS RATIO:** 1-3 : 2-4 : 8-5 = 1 : 1 : 3.10 ± 1%
- DC RESISTANCE: OHMS MAX**
 1-3 = 2.50
 2-4 = 2.50
 8-5 = 0.40
- HIPOT:**
 (1500 VRMS FOR 1 MINUTE)
 1-3& 2-4 TO 8-5
 (600VRMS FOR 1 MINUTE)
 1-3 TO 2-4
- LONGITUDINAL BALANCE:** V1 = 0 dBm @ 20 kHz to 500 kHz
 Rs = 135 OHMS, Rl = 14 OHMS, Line side Ground to pin #5
 LINE = 1-4 TIE 3-2, CHIP = 8-5, V2 = 55 dB MIN.
- HARMONIC DISTORTION:** Rs = 135 OHMS, Rl = 14 OHMS,
 LINE = 1-4 TIE 3-2, CHIP = 8-5, V1 = 0.62VRMS
 @ 3.5 kHz, V2 = -70 dB MAX



inch
(mm)

| TOLERANCES UNLESS OTHERWISE NOTED | 2 PLACE | 3 PLACE | ANGLE |
|--------------------------------------|---------|---------|-------|
| | ± .02 | ± .010 | ± ° |