TITLE
TRANSFORMER, ADSL,
CUSTOMER PREMISES

SCHOTT CORPORATION
1000 PARKERS LAKE ROAD
WAYZATA, MN 55391

PART NUMBER 31406
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SPECIFICATIONS

TEMP CLASS 105°C
Designed to meet UL1950/IEC-950 requirements.

1. INDUCTANCE: @ 0.1 Vrms, 10 KHz,
   1-3-2-4 = 366.3 TO 447.7 µH

2. LEAKAGE INDUCTANCE: @ 0.1 Vrms, 100 KHz
   1-3-2-4 W/ 10-8-9-7 SHORTED = 15 µH MAX

3. IWC: 1-3-2-4 TO 10-8-9-7 @ 100 KHz = 25 pF MAX

4. TURNS RATIO: 1-3 : 2-4 : 10-8 : 9-7 = 1 : 1 : 1 : 1 ± 2%

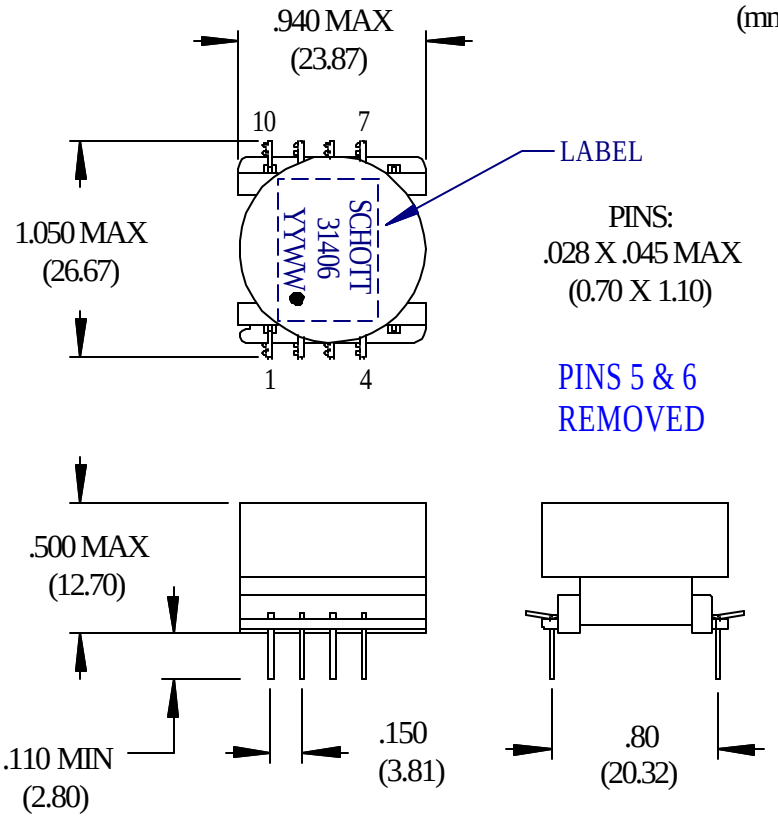
5. DC RESISTANCE: OHMS MAX
   1-3, 2-4 = 0.80
   10-8, 9-7 = 0.80

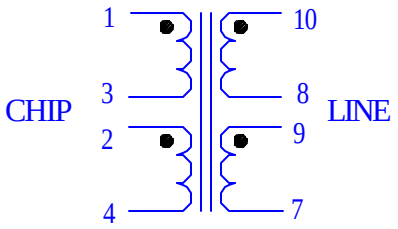
6. LONGITUDINAL BALANCE: 9-7-8-10
   @ 100 KHz, 1 = - 60 dB MIN

7. DIELECTRIC STRENGTH: 1500 Vac, 1 minute
   (1800 Vac, 1 second Schott production test)
   1-2-3-4 TO 7-8-9-10
   ALL WINDINGS TO CORE

8. HARMONIC DISTORTION:
   @ 100 KHz, 15Vp-p, 100 OHMS = -80 dB MIN

inches
(mm)





TOLERANCES UNLESS OTHERWISE NOTED	2 PLACE	3 PLACE	ANGLE
	± .02	± .005	± °