TITLE	SCHOTT CORPORATION	AGENCY APPROVAL	PART NUMBER 31405
TRANSFORMER, ADSL, CENTRAL OFFICE	1000 PARKERS LAKE ROAD WAYZATA, MN 55391	N/A	REV 2 PAGE 1 END

SPECIFICATIONS

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

1. INDUCTANCE: @ 0.1 Vrms, 10 KHz,
   1-3-2-4 = 853.2 TO 1042.8 µH

2. LEAKAGE INDUCTANCE: @ 0.1 Vrms, 100 KHz
   1-3-2-4W/ 10-8-9-7 SHORTED = 20 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 = 1.40 : 1.40 : 1 : 1 ± 2%

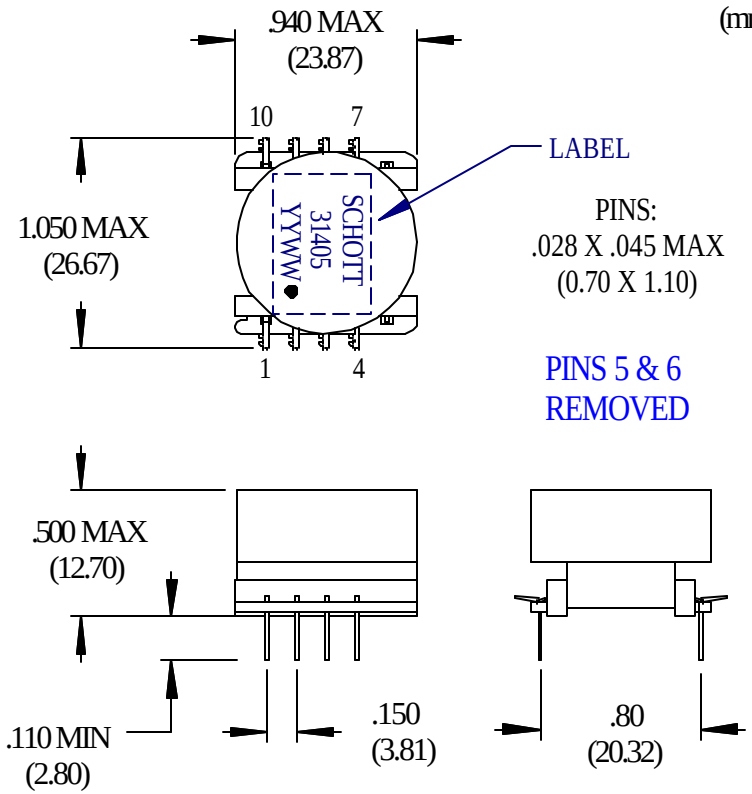
5. DC RESISTANCE: OHMS
   1-3, 2-4 = 1.00 MAX
   10-8, 9-7 = 0.80 MAX

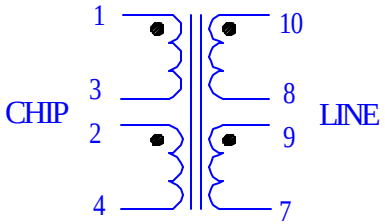
6. LONGITUDINAL BALANCE:
   @ 100 KHz, 100 OHMS = - 60 dB MIN

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 - SAFTY CRITICAL
   ALL WINDINGS TO CORE

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

inches
(mm)





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