

TITLE

TRANSFORMER, ADSL,
CENTRAL OFFICE

SCHOTT
CORPORATION

1000 PARKERS LAKE ROAD
WAYZATA, MN 55391

PART NUMBER

31427

REV 2

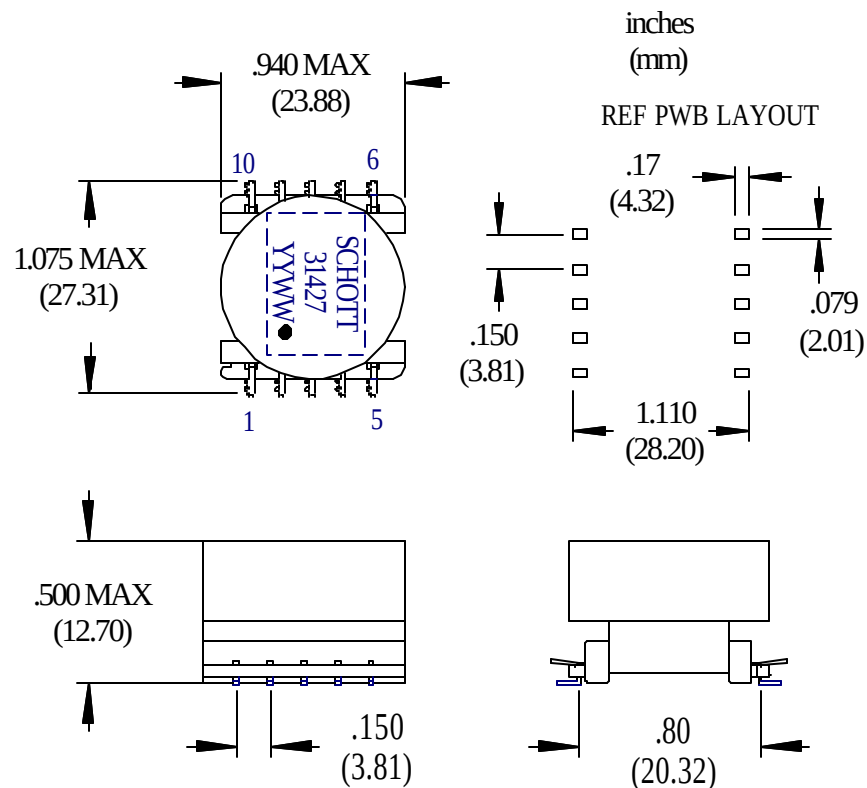
PAGE 1 END

SPECIFICATIONS

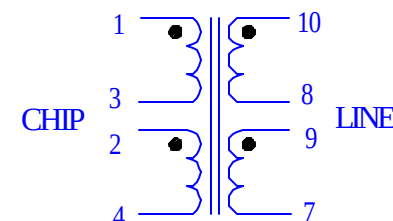
TEMP CLASS 105°C

Designed to meet UL1950/IEC-950 requirements.

1. INDUCTANCE: @ 0.1 Vrms, 10 KHz,
1-3-2-4 = 853.2 TO 1042.8 μ H
2. LEAKAGE INDUCTANCE: @ 0.1 Vrms, 100 KHz
1-3-2-4 W/ 10-8-9-7 SHORTED = 20 μ H MAX
3. IWC: 1-2-3-4 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 $\pm$ 2%
5. DC RESISTANCE: OHMS MAX
1-3, 2-4 = 1.00
10-8, 9-7 = 0.80
6. LONGITUDINAL BALANCE:
@ 100 KHz, 100 OHMS, = - 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, 15 Vp-p, 100 OHMS = -80 dB MIN



PINS:
.028 X .045 MAX
(0.70 X 1.10)



TOLERANCES

UNLESS OTHERWISE NOTED

2 PLACE

+ .02

3 PLACE

+ .005

ANGLE

+ °