

**TITLE**  
**TRANSFORMER, ADSL,**  
**CUSTOMER PREMISES**

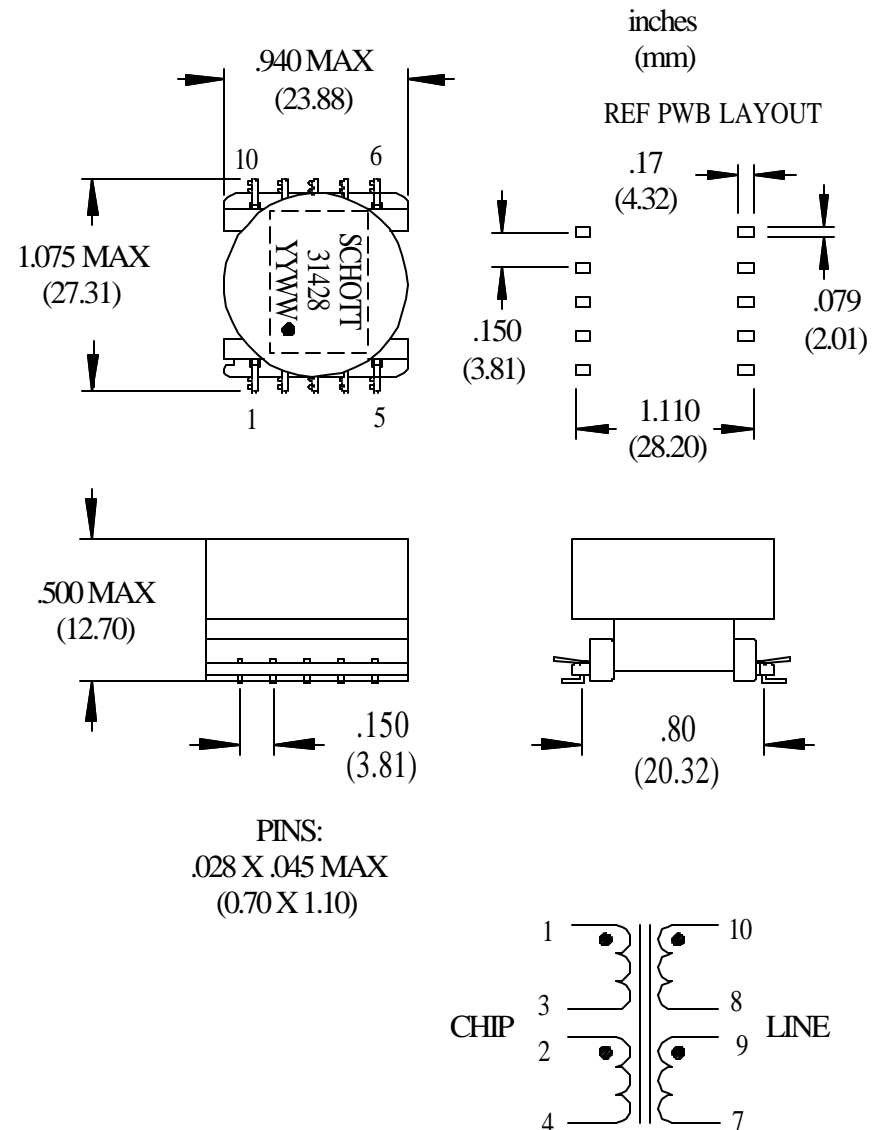
**SCHOTT**  
 CORPORATION  
 1000 PARKERS LAKE ROAD  
 WAYZATA, MN 55391

PART NUMBER  
**31428**  
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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: 1-2-3-4 TO 10-8-9-7 @ 100 KHz = 25 pF MAX
4. TURNS RATIO: 1-3 : 2-4 : 10-8 : 9-7 = 1 : 1 : 1 : 1 ± 2%
5. DC RESISTANCE: OHMS MAX  
 1-3, 2-4 = 0.80  
 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



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