

**TITLE**  
**TRANSFORMER, ADSL**  
**CUSTOMER PREMISE**



1000 PARKERS LAKE ROAD  
 WAYZATA, MN 55391  
 (952) 475-1173

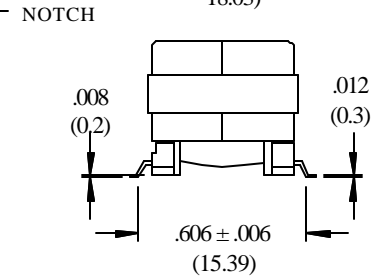
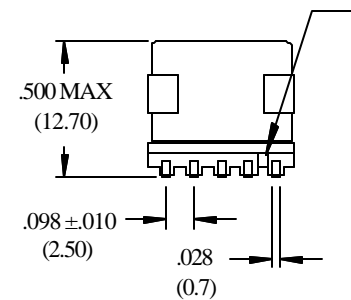
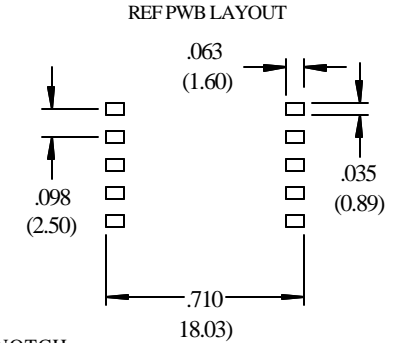
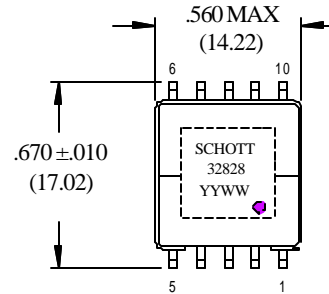
**AGENCY APPROVAL**  
**UL #: E145198**

**PART NUMBER** 32828  
**REV** L **PAGE** 1 **END**

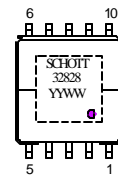
**SPECIFICATIONS**

TEMP CLASS 105°C  
 UL CERTIFICATION: WORKING VOLTAGE 120 VRMS,  
 200 Vpk, SUPPLEMENTARY INSULATION

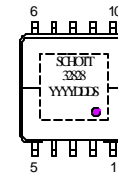
1. INDUCTANCE: @ 0.1 Vrms, 10 kHz,  
 1-4 = 1.425 TO 1.575 mH
2. LEAKAGE INDUCTANCE: @ 0.1 Vrms, 100 kHz  
 1-4 W/ 10-7 SHORTED = 15 μH MAX
3. IWC: 1-4 TO 10-7  
 @ 100 KHz, 0.1Vrms = 35 pF MAX
4. TURNS RATIO: 10-7 : 1-4 = 1 : 1.95 ± 2%
5. DC RESISTANCE: OHMS  
 1-4 = 2.0 MAX  
 10-7 = 0.55 MAX
6. LONGITUDINAL BALANCE:  
 V1 = 0 dBm @ 100 kHz, Rs = 100 OHMS,  
 Rl = 25 OHM LOAD, LINE = 1-4, CHIP =  
 10-7, V2 = 60 dB MIN
7. DIELECTRIC STRENGTH: 1500 Vac, 1 minute  
 ( 2500 VDC, 1 second minimum automatic test  
 2 second minimum manual test)  
 1-4 TO 10-7  
 ALL WINDINGS TO CORE
8. HARMONIC DISTORTION:  
 V = 5.32 Vrms @ 100 KHz  
 Rs = 100 Ohm input, Rl = 25 Ohm load  
 Line = 1-4, Chip = 10-7  
 V2 = -80 dB MAX.



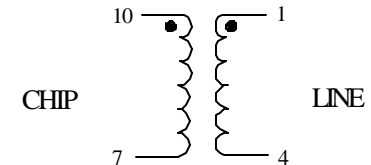
NOTE:  
 COPLANARITY < .004 (0.10)



MANUAL  
 OPERATION  
 LABEL (LABEL  
 MUST HAVE  
 FOUR LINES)



AUTOMATED  
 OPERATION  
 LABEL (LABEL  
 MUST HAVE  
 FOUR LINES)



inches  
 (mm)

TOLERANCES UNLESS OTHERWISE NOTED	2 PLACE	3 PLACE	ANGLE
	+ .02	+ .010	+ °