

TITLE
TRANSFORMER, ADSL
CUSTOMER PREMISE



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

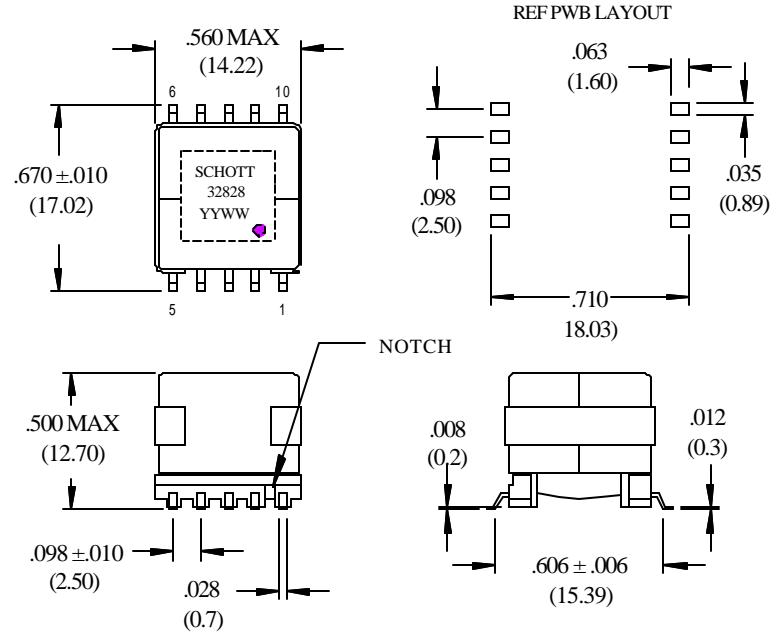
AGENCY APPROVAL
UL #: E145198

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

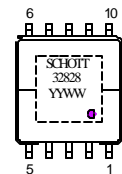
SPECIFICATIONS

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

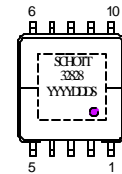
1. INDUCTANCE: @ 0.1 Vrms, 10 kHz,
 1-4 = 1.425 TO 1.575 mH
2. LEAKAGE INDUCTANCE: @ 0.1 Vrms, 100 kHz
 1-4 W/ 10-7 SHORTED = 15 μH MAX
3. IWC: 1-4 TO 10-7
 @ 100 KHz, 0.1Vrms = 35 pF MAX
4. TURNS RATIO: 10-7 : 1-4 = 1 : 1.95 ± 2%
5. DC RESISTANCE: OHMS
 1-4 = 2.0 MAX
 10-7 = 0.55 MAX
6. LONGITUDINAL BALANCE:
 V1 = 0 dBm @ 100 kHz, Rs = 100 OHMS,
 R1 = 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, R1 = 25 Ohm load
 Line = 1-4, Chip = 10-7
 V2 = -80 dB MAX.



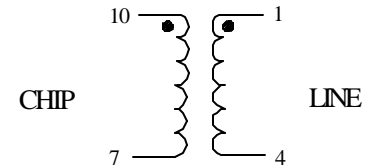
NOTE:
 COPLANARITY < .004 (0.10)



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	+ °