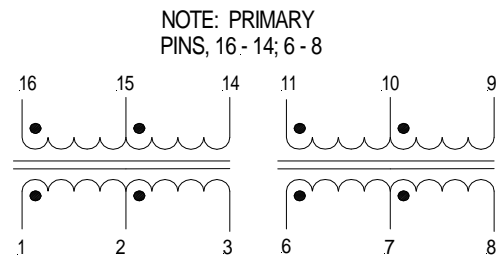
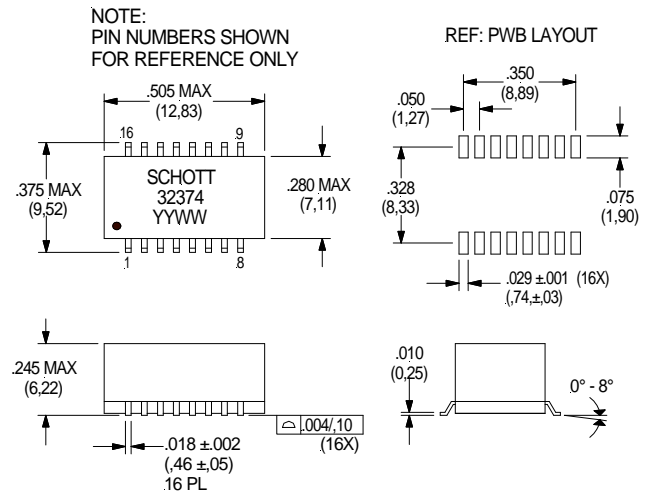




TITLE	T/E1/CEPT/ISDN-PRI DUAL TRANSFORMER	PN	32374	REV	B
AGENCY APPROVAL: NA			SH	2	OF 2

**SPECIFICATIONS:**

1. TURNS RATIO:  $(16 - 14):(2 - 3)/(1 - 3) = 1:1/1.26CT \pm 5\%$   
 $(6 - 8):(11 - 9) = 1CT:2CT \pm 5\%$
2. INDUCTANCE: 10 kHz, 0.01 VRMS:  
 16 - 14; 6 - 8; = 1.20 mH & 1.20 mH MIN.
3. LEAKAGE INDUCTANCE: 1 MHz, 0.10 VRMS:  
 16 - 14 (WITH 1,2,AND 3 SHORT) = 0.60  $\mu$ H MAX.  
 6 - 8 (WITH 11,10,AND 9 SHORT) = 0.60  $\mu$ H MAX.
4. INTERWINDING CAPACITANCE: 1 MHz:  
 PRI TO SEC; 30 & 30 pF MAX.
5. D.C. RESISTANCE: OHMS MAX  
 PRI = 0.70 & 0.70  
 (1 - 3) = 0.80 .  
 (11 - 9) = 1.00
6. RETURN LOSS: PRIMARY, 75 OHM REF:  
 51 kHz TO 102 kHz = 12 dB MIN.  
 102 kHz TO 2.048 MHz = 18 dB MIN.  
 2.048 MHz TO 3.072 MHz = 14 dB MIN.  
 NOTE: CONNECT 120 OHMS TO 1 - 3 FOR TEST ON  
 16 - 14 AND 300 OHMS ON 11 - 9 FOR TEST ON 6 - 8.  
 TEST TO BE PERFORMED ON EACH SIDE OF THE  
 TRANSFORMER, INDEPENDENTLY.
7. DIELECTRIC VOLTAGE WITHSTAND FOR 1 MINUTE:  
 PRI TO SEC; 1500 VAC.  
 OR 2150 Vdc 1 SECOND ON VOLTECH
8. OPERATING TEMPERATURE RANGE: 0° TO 70°C
9. FLAMMABILITY: ALL MATERIALS RATED AS UL94-VO



1000 Parkers Lake Road, Wayzata, MN 55391, (952) 475-1173, www.schottcorp.com	TOLERANCES UNLESS OTHERWISE SPECIFIED	INCHES / DECIMAL	.XX = ± .01	.XXX = ± .010	ANGLES ± 1°
		MILLIMETERS (mm)	.XX = ± 0.20		