



TITLE

TI/E1/CEPT/ISDN-PRI DUAL TRANSFORMER

PN

32377

REV

B

AGENCY APPROVAL: NA

SH

2

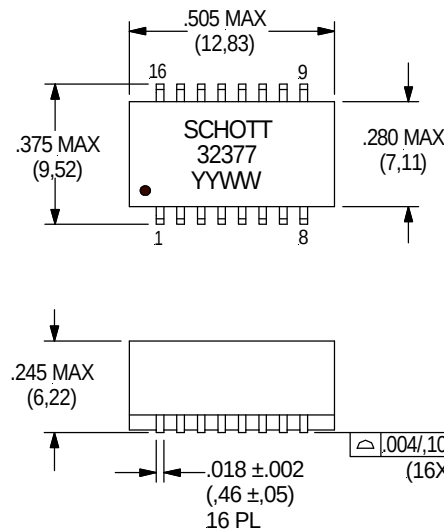
OF

2

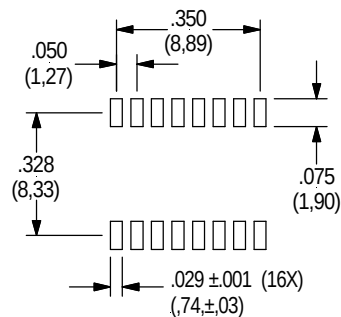
SPECIFICATIONS:

1. TURNS RATIO: PRI:SEC; 1CT:1.41CT & 1CT:1.41CT $\pm 5\%$
2. INDUCTANCE: 10 kHz, 0.01 VRMS:
16 - 14; 11 - 9; 1.00 mH & 1.00 mH MIN.
3. LEAKAGE INDUCTANCE: 1 MHz, 0.10 VRMS:
16 - 14 (WITH 1,2,AND 3 SHORT) = 0.60 μ H MAX.
11 - 9 (WITH 6,7,AND 8 SHORT) = 0.60 μ 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 .
SEC = 0.90 & 0.90
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: 150 OHMS CONNECTED TO SECONDARY PINS.
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 THE VOLTECH.
8. OPERATING TEMPERATURE RANGE: 0° TO 70°C
9. FLAMMABILITY: ALL MATERIALS RATED AS UL94-VO

NOTE:
PIN NUMBERS SHOWN
FOR REFERENCE ONLY



REF: PWB LAYOUT



NOTE: PRIMARY
PINS, 16 - 14; 6 - 8

