



TITLE

TI/E1/CEPT/ISDN-PRI DUAL TRANSFORMER

PN

32375

REV

B

AGENCY APPROVAL: NA

SH

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OF

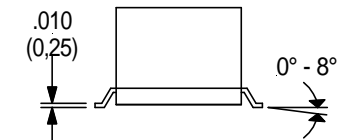
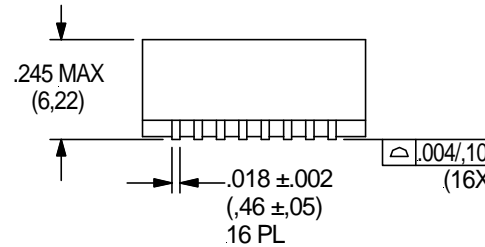
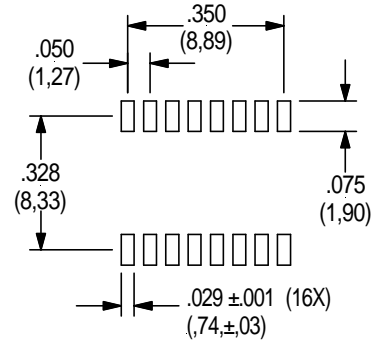
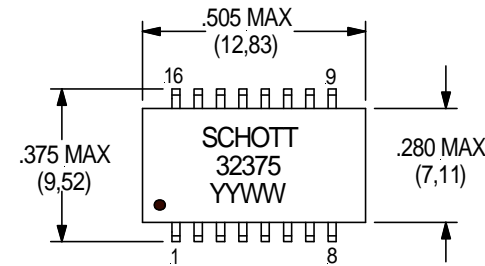
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SPECIFICATIONS:

1. TURNS RATIO: PRI:SEC; 1CT:1.15CT & 1CT:1.15CT ± 5 %
2. INDUCTANCE: 100 kHz, 0.01 VRMS:
1 - 3; 6 - 8; 1.20 mH & 1.20 mH MIN.
3. LEAKAGE INDUCTANCE: 200 kHz, 0.10 VRMS:
1 - 3 (WITH 16,15,AND 14 SHORT) = 0.60 µH MAX.
6 - 8 (WITH 11,10,AND 9 SHORT) = 0.60 µH MAX.
4. INTERWINDING CAPACITANCE: 200 kHz:
PRI TO SEC; 30 & 30 pF MAX.
5. D.C. RESISTANCE: OHMS MAX
PRI = 0.70 & 0.70
SEC = 0.75 & 0.75
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: 100 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 FOR 1 SECOND ON 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

