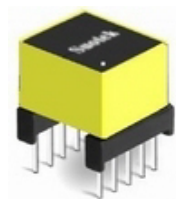


ADSL Transformer



- 1) Small footprint .
- 2) Designed to meet ANSI and ETSI standards .
- 3) Excellent THD performance .
- 4) Isolation voltage : 1500Vrms Min.



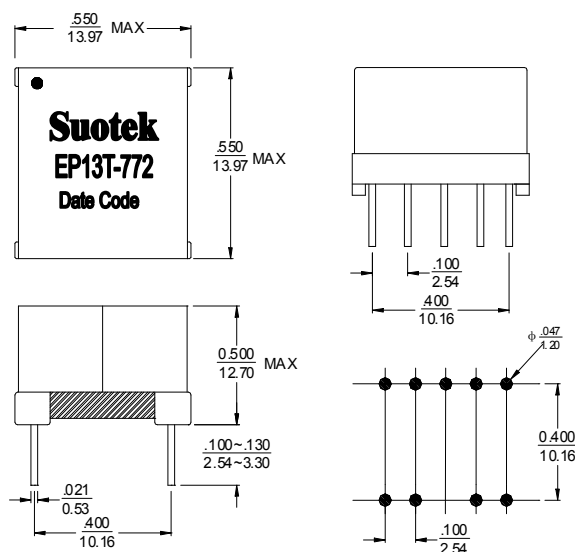
Electrical Specifications @ 25°C --- Operating temperature -40°C To +85°C .

Part Number : EP13T-772

Electrical Specifications :

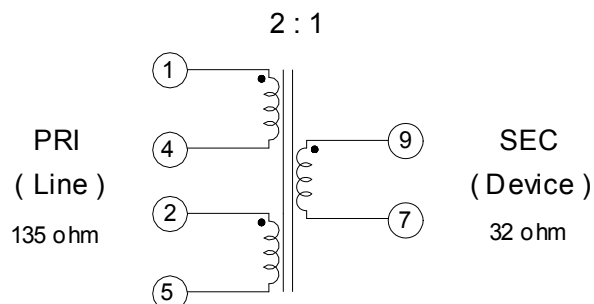
1) Turn Ratio : (Short2+4) Pri : Sec = (1-5):(9-7) = 2:1 +/-1%	5) D.C.Resistance : (1-4) = 2.43 ohm±10% (2-5) = 2.43 ohm±10% (9-7) = 1.46 ohm±10%
2) Inductance (1-5): (short2+4) 2.0mH +/-6% @10KHz 0.1V 0/160mAdc	6) Insertion Loss : 0.5 dB Max.@ 40KHz
3) Leakage Inductance (1-5): 30uH Max.@100KHz 0.1V (short 2+4,9+7)	7) Total Harmonic Distortion : (short2+4) -60 dB TYP.@1KHz, +13.5dBm, 32 ohm load , 135 ohm input
4) Isolation Hi-Pot : 2000Vrms Min.(Pri -- Sec)	8) Longitudinal Balance : 50 dB Min. 1 K~300KHz, per ITU Method (L-M)

Mechanical Dimensions (Unit: inches / mm)



Unless otherwise specified, all tolerances are ±.010 / 0.25

Schematics



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DSL Transformer010