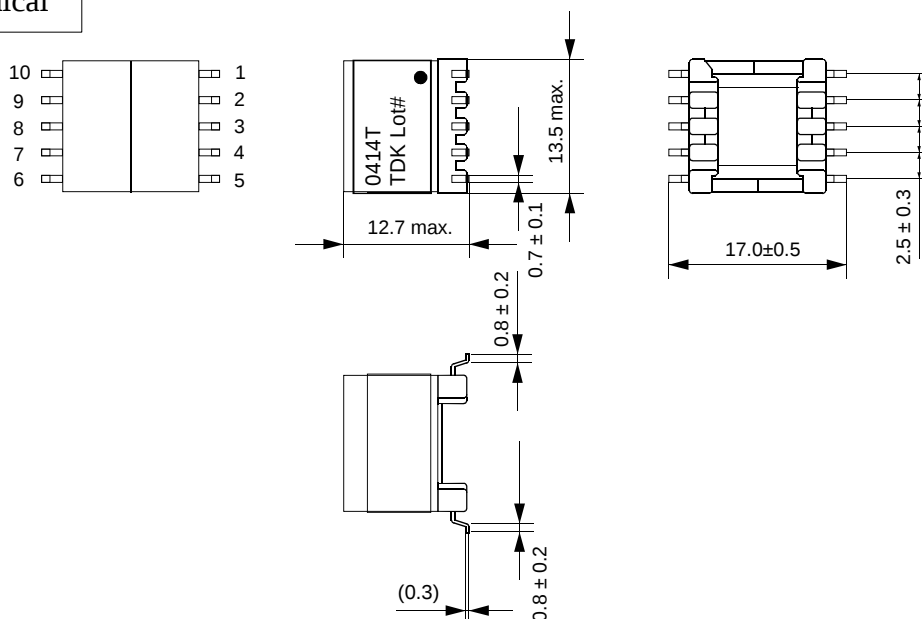


TDK ADSL transformers **Alcatel/Mietec CO side** **TRTEP13-0414T** **(Alcatel P# : 1AB 01908 0015)**

Corresponding to EN60950 and UL1950 between TNV-1 and SELV, TNV-3 and TNV-2 Isolation.

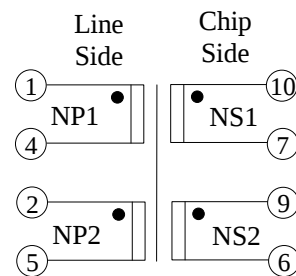
Mechanical



Electrical Specifications @25degreesC

1. Inductance 1-5 (tied 2-4) : 410uH +/- 10% at 10KHz,0.1Vrms,Ls
2. Leakage Inductance 1-5 (tied 2-4 , 10-9-7-6)
: 6.5 uH max at 100KHz,0.1Vrms,LS
3. DC Resistance 1-4 : 200 mΩ +/- 15%
 2-5 : 200 mΩ +/- 15%
 10-7 : 120 mΩ +/- 15%
 9-6 : 120 mΩ +/- 15%
4. Dielectric Withstanding : AC 1.50KVrms 1minute

Schematics



Turns Ratio
NP1 : NP2 : NS1 : NS2 = 2 : 2 : 1 : 1

● marks mean polarity