

T1/CEPT/ISDN-PRI TRANSFORMERS

P/N:S5821 DATA SHEET

A. General Specifications:

1. Extended and standard temperature range models
2. Dual surface mount package contains both transmit and receive
3. Models matched to leading transceiver ICs
4. 1500Vrms isolation voltage
5. Operating temperature range:-40°C to +85°C

B. Electrical Specifications @ 25°C.

1. Turns Ratio(Pri:Sec±5%) :12-10:1-3=1:2CT ,4-6:9-7=1:2CT
2. OCL : 1.2mH Min & 1.2mH Min @100KHz/0.2Vrms
3. L.L(sec) : 0.8 μH Max & 0.8 μH Max
4. Cw/w : 50 pF Max & 50 pF Max
5. DCR(Pri) : 1.0 Ω Max & 1.0 Ω Max
6. DCR(Sec) : 1.70 Ω Max & 1.70 Ω Max
7. Primary Pins : 12-10 , 4-6

C. Schematics & Mechanical:

