

# T1/CEPT/ISDN-PRI TRANSFORMER

## P/N: S5400 DATA SHEET

### A. Electrical Specifications@25°C

1. Turns Ratio( $\pm 2\%$ ) : 1:2 PIN 1-2:5-6 & 3-4:5-6
2. Inductance : 1.5 mH Min @ 100KHz/0.02Vrms.
3. Cw/w: 25 pF Max PIN 5-6 to 1-2=5-6 to 3-4
4. Leakage Inductance : 1.2 uH Max PIN 5-6 with(3-4)short & 5-6 with(1-2)short @ 100KHz/0.02Vrms
5. DCR : 0.45  $\Omega$  Max PIN 1-2 , 3-4
6. DCR : 0.85  $\Omega$  Max PIN 5-6
7. Return Loss :10 dB Min @ 100KHz to 2MHz
8. Isolation HI-POT : 1500 Vrms 60 SEC PIN 1-2 to 3-4,1-2 to 5-6,3-4 to 5-6

### B. Schematic & Mechanical :

