

T1/CEPT/ISDN-PRI TRANSFORMER

P/N: S5861A DATA SHEET

A. General Specifications:

1. Small surface mount package
2. Dual SMT package contains both transmit and receive transformers
3. Models matched to leading transceiver ICs

B. Electrical Specifications@25°C :

1. Inductance(16-14)=(6-8):1.5 mH MIN @ 0.2Vrms/100KHz
2. Leakage Inductance(L.L): 0.5 μ H max @ 100KHz ,Pin16-14 with(1,2,3 short)
0.5 μ H max @ 100KHz ,Pin 6-8 with(9,10,11 short)
3. Capacitance Resistance(CW/W): 40 pF Max @100KHz , Pin(16-14) to (1-3)
40 pF Max @100KHz, Pin(6-8) to (11-9)
4. Turn Ratio-polarity: 1CT:2CT, Pin(6-7-8):(11-10-9)
1CT:2CT, Pin(16-15-14):(1-2-3):
5. DC Resistance(16-14)=(6-8):0.9 Ω Max
(9-11):1.4 Ω Max
(1-3):1.4 Ω Max
6. Dielectric withstand voltage(60Hz,1MIN):1500Vrms, Pin(16,15,14) to (1,2,3)
1500Vrms, Pin(6,7,8) to (9,10,11)

C. Schematics & Mechanical :

