

# T1/E1/CEPT/ISDN-PRI TRANSFORMER

## P/N: S1096 DATA SHEET

### A. General Specifications:

1. Dual SMT package contains both transmit and receive transformers
2. Common footprint and pinout with a choice of operating temperature ranges
3. Models matched to leading transceiver ICs
4. IC grade transfer-molded package withstands 235°C IR reflow
5. Patented interlock base construction for high reliability
6. Operating temperature range : -40°C to +85°C

### B. Electrical specifications @ 25°C

1. Turn Ratio(PRI:SEC±5%) : 1CT:1.41CT & 1CT:1.41CT
2. OCL: 1.0mH Min & 1.0mH Min
3. L.L : 0.6 μH Max & 0.6 μH Max
4. Cw/w : 30pF Max & 30pF Max
5. DCR Pri : 0.70 Ω Max & 0.70 Ω Max
6. DCR Sec : 0.90 Ω Max & 0.90 Ω Max
7. Primary Pins : 1-3, 11-9
8. HI-POT : 1500 Vrms.

### C. Schematics & Mechanical :

