

# T1/E1/CEPT/ISDN-PRI TRANSFORMER

## P/N: S1048 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

### B. Electrical Specifications @ 25°C :

1. Turns Ratio(PRI:SEC±5%) : 1CT:141CT & 1CT:1CT
2. OCL: 350 Min @100KHz/0.2Vrms
3. L.L: 0.8 μH Max(Pin16-15 short 10-11) & 0.5 μH Max(Pin 1-2 short 6-7)
4. Cw/w: 28 pF Max(Pin1-2 to 7-6) & 25 pF Max(Pin16-15 to 10-11)
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 : 16-15,1-2
8. HI-POT :1500Vrms.

### C. Schematic & Mechanical :

