

T1/E1/CEPT/ISDN-PRI TRANSFORMER

P/N: S1023 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 235⁰C IR reflow
5. Patented interlock base construction for high reliability

B. Electrical Specifications @ 25⁰C :

1. Turns Ratio(PRI:SEC±5%) : 1CT:141CT & 1CT:1.41CT
2. OCL: 1.0 mH Min & 1.0 mH Min
3. L.L: 0.6 μH Max & 0.6 μH Max
4. Cw/w: 30 pF Max & 30 pF 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 :1500Vrms.

C. Schematic & Mechanical :

