

# T1/CEPT/ISDN-PRI TRANSFORMER

## P/N: S1021 DATA SHEET

### A. General Specifications:

1. Single port T1/E1 solution .
2. Configurable for TP and Coax cable termination .
3. Transfer-molded, IC-grade packaging .
4. Dual surface mount, small package .

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

1. Turns Ratio(Pri.:Sec±2%): 2CT:1/1.26 (1-3:15-14/16-14) & 2CT:1/1.26(11-9:7-8/6-8)
2. OCL: 1.5 mH Min. & 1.5 mH Min.
3. Cw/w: 40 pF Max. & 40 pF Max.
4. Leakage Inductance : 0.5  $\mu$ H Max. & 0.5  $\mu$ H Max
5. PRI. DCR : 0.70  $\Omega$  Max. & 0.70  $\Omega$  Max.
6. SEC. DCR : 1.0  $\Omega$  Max. & 1.0  $\Omega$  Max.
7. Primary Pins : 1-3, 11-9
8. PRI./SEC. Isolation : 1500Vrms.

### C. Schematic & Mechanical :

