

# T1/CEPT/ISDN-PRI TRANSFORMERS

## P/N:S8677 DATA SHEET

### A. General Specifications:

1. Extended and standard temperature range models
2. Dual surface mount package contains both transmit and receive
3. Models matched to leading transceiver ICs
4. 1500 Vrms isolation voltage
5. Operating temperature range :  $-40^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ .

### B. Electrical Specifications @ $25^{\circ}\text{C}$ .

1. Turns Ratio(Pri:Sec $\pm 5\%$ ) : 1CT:1CT & 1:2CT
2. OCL : 1.2 mH Min & 1.2 mH Min
3. L.L Sec : 0.8  $\mu\text{H}$  Max & 0.8  $\mu\text{H}$  Max
4. CW/W : 50 pF Max & 50 pF Max
5. DCR Pri : 1.2  $\Omega$  Max & 1.2  $\Omega$  Max
6. DCR Sec: 1.2  $\Omega$  Max & 1.8  $\Omega$  Max
7. Primary Pins:1-3, 4-6

### C. Schematics & Mechanical :

