

# T1/CEPT/ISDN-PRI TRANSFORMER

## P/N: S8822 DATA SHEET

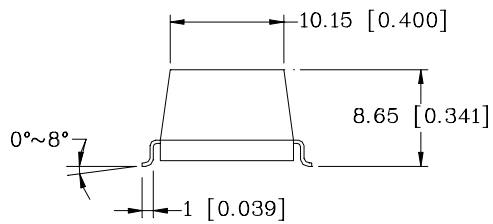
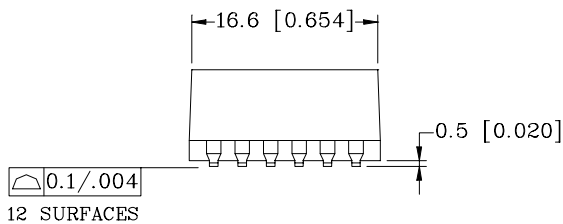
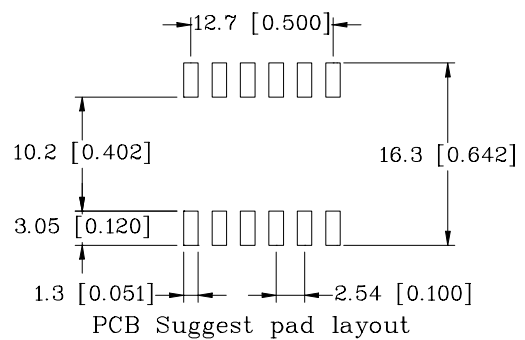
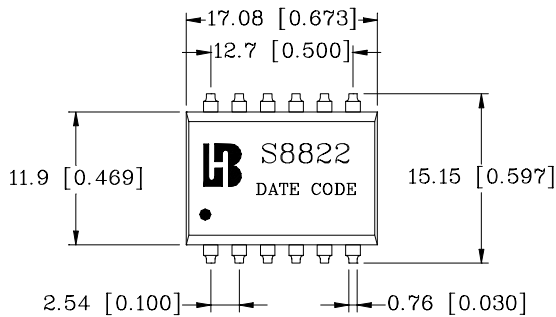
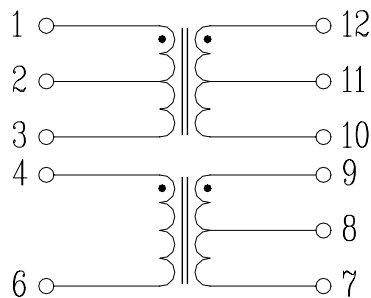
### A. General Specifications:

1. Dual SMT package contains both transmit and receive transformers
2. Models matched to leading transceiver ICs
3. Isolation voltage : 1500 Vrms
4. Operating temperature range : -40°C to +85°C

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

1. Turns Ratio (Pri:Sec.±2%) : 1CT:2CT & 1:1.36CT
2. OCL : 1.60 mH Min & 1.60 mH Min
3. L.L : 1.00  $\mu$  H Max & 0.80  $\mu$  H Max
4. Cw/w: 60 pF Max & 55 pF Max
5. DCR (Pri.): 1.70  $\Omega$  Max & 1.70  $\Omega$  Max
6. DCR (Sec.): 2.00  $\Omega$  Max & 1.70  $\Omega$  Max
7. Primary Pins : 12-10 , 4-6

### C. Schematic & Mechanical :



Dimensions: mm[Inches] Tolerances: ±0.25[0.01]