

T1/CEPT/ISDN-PRI TRANSFORMERS

P/N:S5822 DATA SHEET

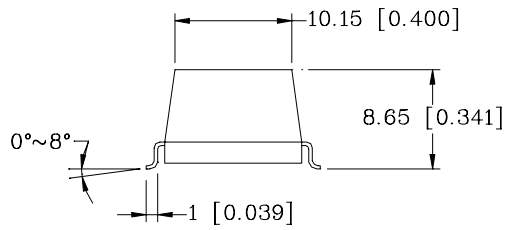
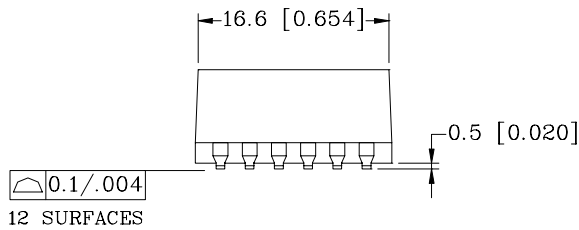
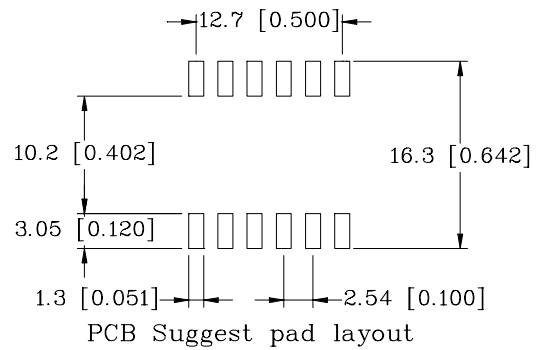
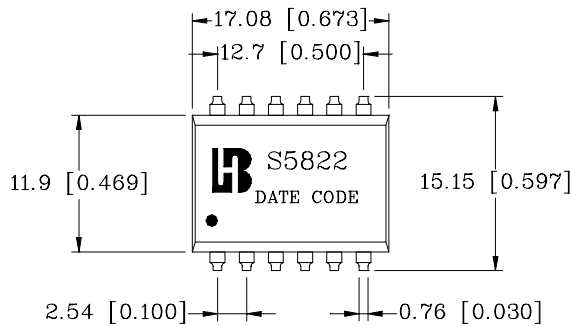
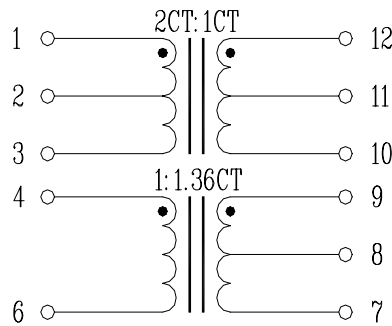
A. General Specifications:

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

B. Electrical Specifications @ 25°C.

1. Turns Ratio(Pri:Sec±2%) :12-10:1-3=1CT:2CT , 4-6:9-7=1:1.36CT
2. OCL : 1.6mH Min & 1.6mH Min @100KHz/0.2V
3. L.L : 1.0 μH Max & 0.8 μH Max
4. Cw/w : 60 pF Max & 55 pF Max
5. DCR(Pri) : 1.7 Ω Max & 1.7Ω Max
6. DCR(Sec): 2.0 Ω Max & 1.70 Ω Max
7. Primary Pins : 12-10 ,4-6

C. Schematic & Mechanical:



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