

T1/CEPT/ISDN-PRI TRANSFORMER

P/N:S8787 DATA SHEET

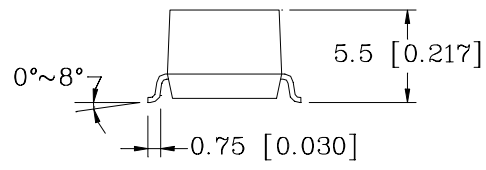
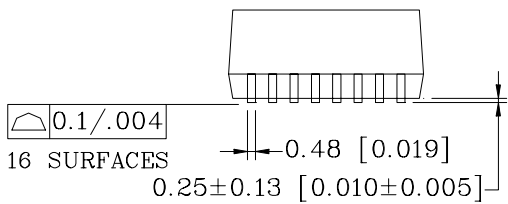
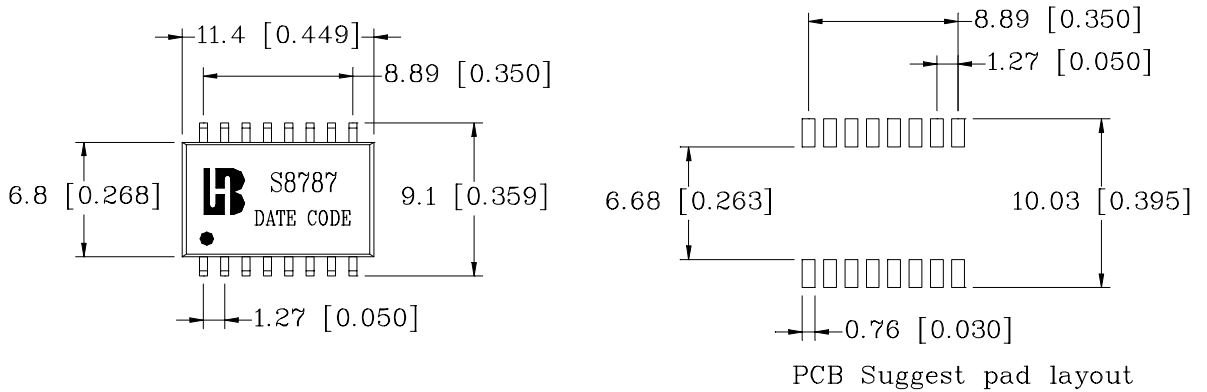
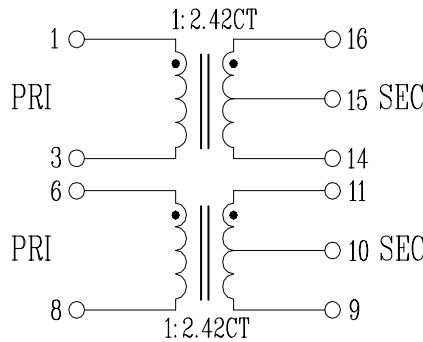
A. General Specifications:

1. SMD 16 Pin Dual T1/E1 isolation module .
2. Extended operating temperature : -40°C to +85°C

B. Electrical Specifications@25°C :

1. Turns ratio(Pri : Sec $\pm 3\%$) : 1:2.42CT Pin 1-3:16-14 & 1:2.42CT Pin 6-8:11-9
2. Primary OCL : 1.5 mH $\pm 20\%$ @ 100 KHz/0.2Vrms
3. Cw/w: 35 pF Max pin 1 to 15 & 35 pF Max Pin 6 to 10
4. Leakage Inductance: 0.5 μ H Max Pin 1-3(16,15,14 short)
0.5 μ H Max Pin 6-8(11,10,9 short)
5. DCR(Pri.) : 0.8 Ω Max Pin 1-3 & 0.80 Ω Max Pin 6-8
6. HI-POT : 1500 Vrms.
7. Cross talk(0.5 to 5 MHz) : -65 dB Typ

C. Schematics & Mechanical:



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