

T1/CEPT/ISDN-PRI TRANSFORMER

P/N:S5078 DATA SHEET

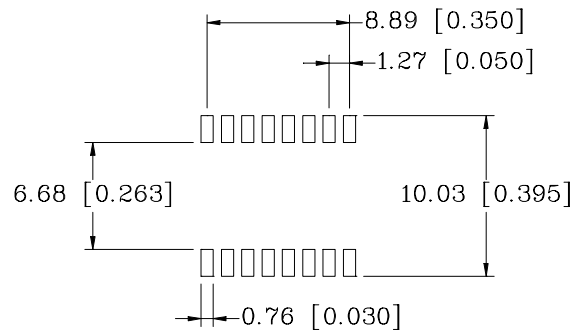
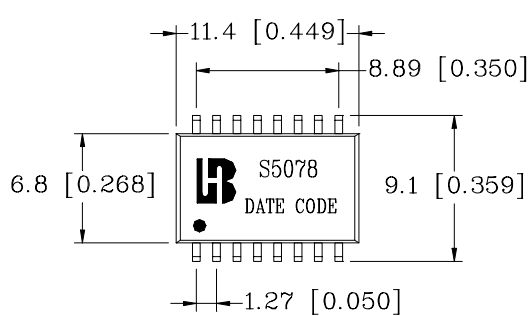
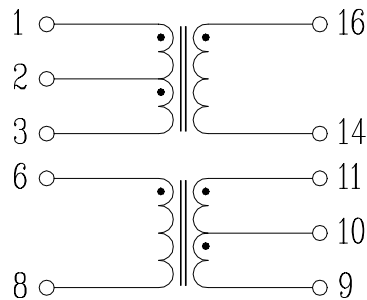
A. General Specifications:

1. Extended and standard temperature range models .
2. Dual surface mount package contains both transmit and receive .
3. Models matched to leading transceiver ICs

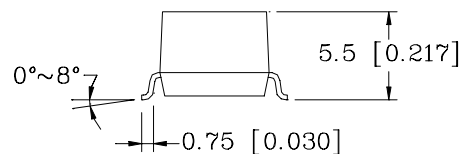
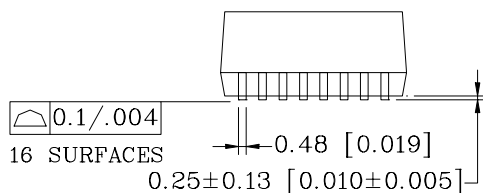
B. Electrical Specifications@ 25°C :

1. Turns Ratio: 1:1.36CT($\pm 3\%$) Pin (16-14):(1-2-3) ; 1: 2CT($\pm 5\%$)Pin(6-8):(11-10-9)
2. OCL(16-14 and 6-8): 1.50mH MIN @ 10KHz/10mV.
3. LL: 0.5 μ H Max PIN(16-14 and 6-8) (Short 1,2,3 and 9,10,11)
4. CW/W: (16,14) to (1,2,3):35pF @ 100KHz.
(6,8) to (9,10,11):40pF @ 100KHz.
5. DCR: (16-14)=(6-8)=0.9 Ω Max.& (1-2-3)=(11-10-9):1.3 Ω Max
6. Phasing: 1, 6, 11 and 16
7. HI-POT(Pri-Sec): 1500Vrms.

C. Schematics & Mechanical :



PCB Suggest pad layout



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