

T1/CEPT/DS3 DUAL SURFACE MOUNT TRANSFORMER

P/N:S5871 DATA SHEET

A. General Specifications:

1. Designed for fast rise time and low baseline wander
2. IC grade transformer-molded package with stands 235° C IR reflow
3. Pick & place compatible
4. Operating temperature range : 0°C to +70°C

B. Electrical Specifications @25°C :

1. PRI OCL: 1.2 mH \pm 20%@ 0.2Vrms/100KHz
2. Leakage Inductance(L.L): 0.4 μ H Max
3. Capacitance Resistance(CW/W): 35 pF Max (TX & RX)
4. Turn Ratio(Pri:Sec \pm 3%): 1:2CT & 1:2CT
5. DCR(Pri./Sec.): 0.7 Ω Max/ 1.2 Ω Max
6. Isolation HI-POT : 2000Vrms
7. CMRR @1MHz : 50 dB Min
8. Insulation Resistance : 10,000 M Ω
9. Primary Pins : 16-14, 6-8

C. Schematics & Mechanical :

