

ISDN S-INTERFACE TRANSFORMER

P/N: S5011 DATA SHEET

A. General Specifications :

1. Operating temperature: -25°C to +70°C.

B. Electrical Specifications @25°C :

1. Turns Ratio($\pm 1\%$): 1CT:1CT(PIN9-7:2-17), 1CT:1CT(PIN10-12:4-15)
1:1(PIN2-1:17-18=4-5:15-14)
2. Inductance : 30 mH Min(PIN2-17,4-15) @10KHz/100mV
5 mH +50/-30%(PIN2-1, 17-18, 4-5, 15-14) @10KHz/100 mV
3. Leakage Inductance: 5 μ H Max. PIN2-17(9-7 short) and PIN4-15(10-12 Short) @100KHz/100mV
4. Choke Leakage Inductance: 0.6 μ H Max PIN1-2=4-5(17-18, 14-15 Short) @100KHz/100mV
5. Interwinding Capacitance: 150 pF Max.PIN1-9=5-10 @10KHz/100mV
6. DCR :) : 2.5 $\Omega \pm 25\%$ (PIN2-17, 9-7, 4-15, 10-12) @96KHz/750mA Max.
1.3 Ω Max.(PIN2-1, 17-18, 4-5, 14-15) @96KHz/750mA Max.
7. HI-POT : 1500Vrms/1mA 2Sec.PIN2-9, 4-10
500Vrms/1mA 1Sec.PIN3-16(1-9, 5-10 Short)

C. Schematics & Mechanical :

