

**T1/E1/CEPT/ISDN-PRI QUAD TRANSFORMERS**  
**P/N: 4S1008 DATA SHEET**

**A. General Specifications**

1. Quad transformers in a surface mount package supports two T1/E1 ports
2. Available in transmit and/or receive configurations
3. Models matched to leading quad and dual T1/E1/CEPT transceivers

**B. Electrical Specifications @ 25°C**

1. Turns Ratio:	1:1.36	±2%	PIN1-3:32-30/10-12:23-21、	100%
	1:2	±2%	PIN28-26:5-7/19-17:14-16	
2. OCL :	1.2 mH	Min	PIN1-3/10-12/28-26/19-17	@100KHz 0.2 Vrms 100%
3. Cw/w :	30 pF	Max	PIN1-3 to 32-30/10-12 to 23-21	@100KHz 0.2 Vrms Sample
	35 pF	Max	PIN28-26 to 5-7/19-17 to 14-16	@100KHz 0.2 Vrms
4. L/L :	0.7 μH	Max	PIN1-3/10-12 (32-30/23-21 short)	@100KHz 0.2 Vrms Sample
	0.8 μH	Max	PIN28-26/19-17 (5-7/14-16 short)	@100KHz 0.2 Vrms
5. DCR :	0.55 Ω	Max	PIN1-3/10-12/28-26/19-17	Sample
	0.7 Ω	Max	PIN32-30/23-21	
	1.0 Ω	Max	PIN5-7/14-16	
6. Primary pins :	1-3, 10-12, 19-17, 28-26			
7. HI-POT:	1500 Vrms	1 minute	PIN(1,5,10,14) to(17,21,26,30)	or 1650 Vrms 6 seconds 100%
	500 Vrms	1 second	PIN(3,30,23,10)to(7,26,19,14)	

**C. Schematic & Mechanical:**

