

TRANSFORMER FOR DIGITAL AUDIO DATA TRANSMISSION

P/N:S5612 DATA SHEET

A. General Specifications :

2. Operating transmission rates : 1 to 7 Mbps
2. Controlled rise time : 25 nsec Max.
3. High isolation voltage : 2 KVrms

B. Electrical Specifications @25°C :

1. Turn Ratio($\pm 5\%$) : 1:1
2. Primary Inductance : 2.5 mH A 20% @100KHz/0.2Vrms
3. Leakage Inductance: 0.5 μ H Max.
4. Rise Time : 25 nsec Max.
5. ET : 20 V- μ sec
6. Bandwidth (0.3 to 55 MHz) : 3dB Typ.
7. Return Loss(0.3 to 10 MHz) : 22dB Min

C. Schematic & Mechanicals :

