

**P/N: AD-6600S DATA SHEET****Feature**

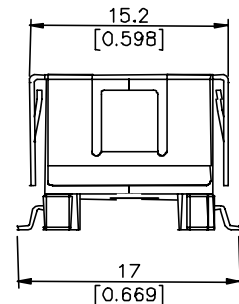
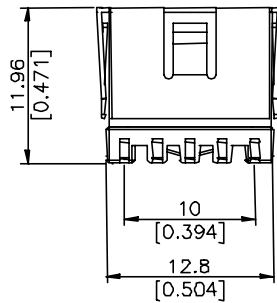
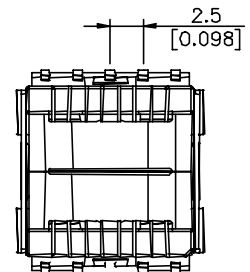
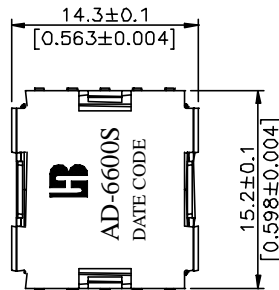
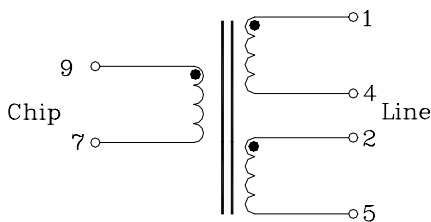
- For use with ADSL Application
- Minimum inter winding breakdown voltage of 600 Vrms for 1 minute between line center tap or pin 1 and 2
- Small EP13 Package in SMD Type
- Operating Temperature: -10°C to +60°C.
- Storage Temperature: -25°C to +75°C.

Electrical Specifications @ 25°C

Part Number	Application	Turn Ratio ($\pm 2\%$) Chip:Line	OCL (mH $\pm 6\%$) @ 10 KHz, 0.1 V (1-5),(2+4) shorted	Leakage Inductance (uH Max) (1-5)@ 100 KHz, 0.1 V	Longitudinal Balance (dB Max)
					20KHz -500kHz
AD-6600S	SMT	1:5.4	3	15	-55

Additional Specifications

Part Number	Isolation Voltage (Vrms)	Inter winding Capacitance (pF Max)	Insertion Loss (dB Max) @ 100KHz	DCR(Ω Max)		Return Loss (dB Min) 40kHz-500kHz	Harmonic Distortion (dB max) 5kHz Fundamental
		Chip:Line		Chip side	Line side		
AD-6600S	1500	150	-0.5	0.35	4.0	-15	-76

Schematic**Mechanical**

Units: mm [Inches] Tolerance: xx.x0 \pm 0.25 [0.010]
0.xx \pm 0.05 [0.002]