



ADSL LINE TRANSFORMER

P/N: AD-2955 DATA SHEET

Feature



- Recommended by Analog Devices for use with their AD20MSP930 ADSL Chipset.
- Excellent THD performance in a small footprint.
- Designed to meet UL1950 & EN60950 supplementary insulation requirements for working to 250 Vrms.
- Operating Temperature: -10°C to +60°C.
- Storage Temperature: -25°C to +75°C.

Electrical Specifications @ 25°C

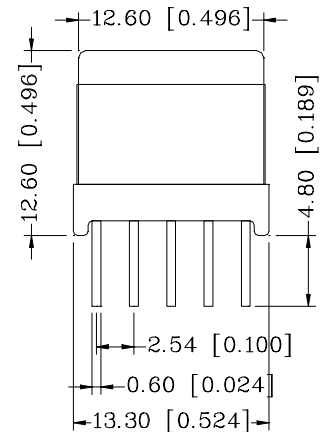
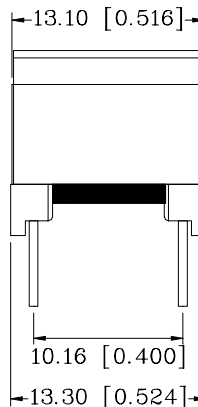
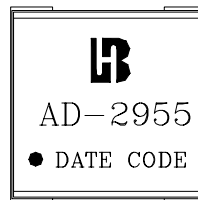
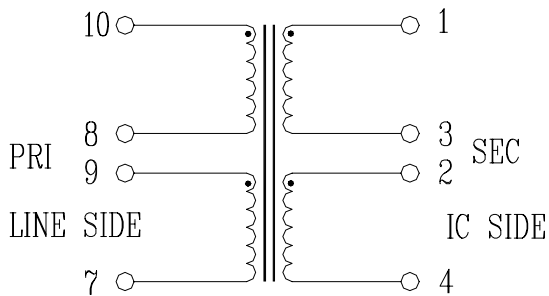
Part Number	Inductance (uH) @±10%,100mAC	Leakage Inductance (uH Max) @1MHz,1.0VAC, Ls(1-4), (2+3,7+8+9+10)short	Turn Ratio(±1%) (1-4):(10-7) (2+3,8+9)	Dielectric 1S,500uA Max	Inter winding Capacitance (pF Max) (10-7)(10-1)
AD-2955	400	10.0	1.4:1	1875V _{AC}	45

Additional Specifications

Part Number	THD(dB) (Linearity-Typical)	DCR (Ω Max) (±10%)		Insertion Loss (dB Max)	Longitudinal Balance (ITU) (dB Min)
	-80 @ 100KHz 11.31Vp-p	(10-8)& (9-7)	(1-3) & (2-4)	300KHz	10KHz -1.1 MHz
AD-2955	-79 @ 10KHz 7.07Vp-p	0.465	0.671	-0.5	-40

Schematic

Mechanical



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010] 0.xx±0.05[0.002]