

**P/N: AD-2905S DATA SHEET****Feature**

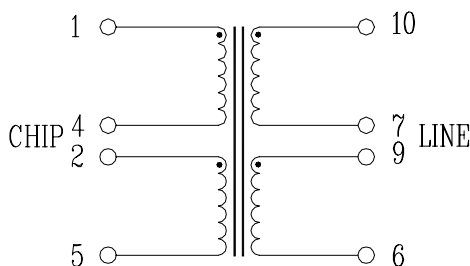
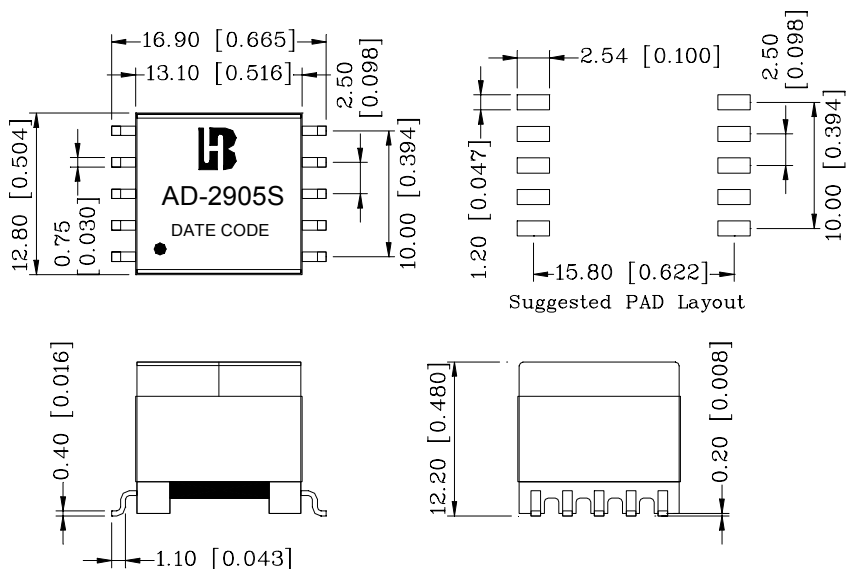
- Approved for use with Globe span ADSL DMT CO chip set
- Excellent THD performance in a small footprint.
- Operating Temperature: -10°C to +60°C.
- Storage Temperature: -25°C to +75°C.

Electrical Specifications @ 25°C

Part Number	Mounting	Turn Ratio (±1%) (10-6):(1-5)	OCL (uH ±5%) @ 10KHz/0.1 V	Leakage Inductance (μ H Max) @ 100 KHz/0.1V	Longitudinal Balance(ITU) (dB Min)
			(10-6) , (7+9) short	(10-6),(1+5,2+4,7+9)short	(from 30KHz to1.1MHz)
AD-2905S	SMT	2:1	440	10.0	-72

Additional Specifications

Part Number	THD(dB Max) @ 100 KHz,4.3Vrms ,12Vpp	DC Resistance(Ω ±10%)				Frequency Response (dB Max) @100KHz~1.1MHz ,772KHz,REFERENCE	Isolation Voltage (Vrms)	Insertion Loss (dB Max) @ 772KHz
		10-7	9-6	1-4	2-5			
AD-2905S	-90	0.67	0.90	0.40		±0.5	1875	- 1.0

Schematic**Mechanical**

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