

**P/N: AD-2906S DATA SHEET****Feature**

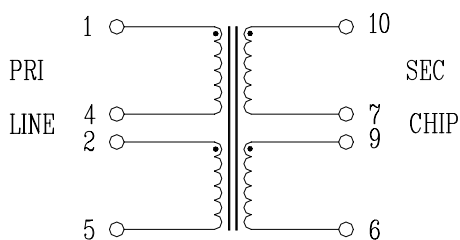
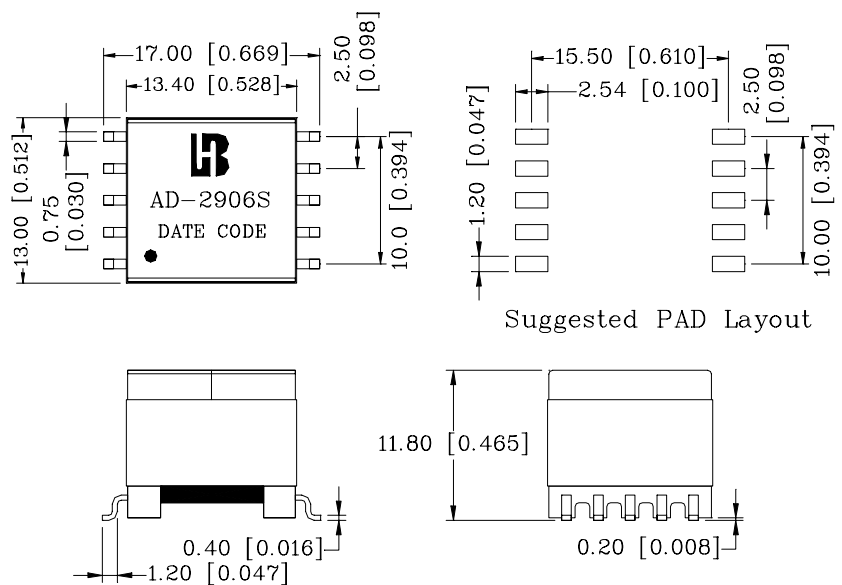
- Operating temperature range: -10°C to $+60^{\circ}\text{C}$.
- Storage temperature range: -25°C to $+75^{\circ}\text{C}$.

Electrical Specifications @ 25°C

Part Number	Mounting	Turn Ratio @100kHz/0.1V (1-5):(10-6), (2+4,7+9) short	OCCL ($\mu\text{H} \pm 5\%$) @ 10KHz/0.1V	Leakage Inductance (μH Max) @ 100 KHz/0.1V	Longitudinal Balance(ITU) (dB Min)
			(1-5), (2+4) short	(1-5),(2+4,10+9+7+6)short	30KHz -1.1MHz
AD-2906S	SMT	2:1	410	10.0	-45

Additional Specifications

Part Number	THD(dB Max)		DC Resistance (Ω Max)		Insertion Loss (dB Max) @ 50KHz	Isolation Voltage (Vrms)
	@10KHz/2.0V 5.66Vpp	@40KHz/4.0V 11.3Vpp	(1-4)&(2-5)	(9-6)&(10-7)		(1-10),(2+4,7+9) short
AD-2906S	-75	-80	0.80	0.30	-1.0	1875

Schematic**Mechanical**

Units: mm [Inches] Tolerances: xx.x0 \pm 0.30 [0.010]
0.xx \pm 0.05 [0.002]