

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

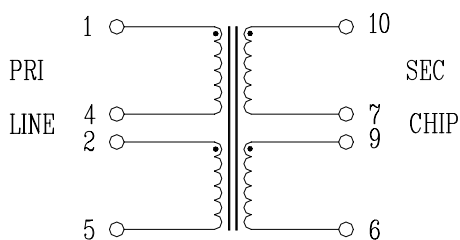
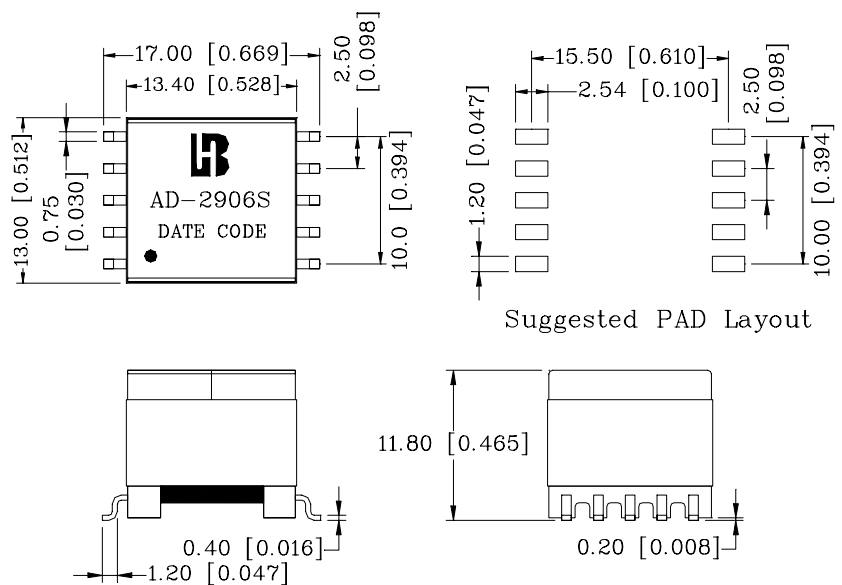
- Operating temperature range: -10°C to $+60^{\circ}\text{C}$.
- Storage temperature range: -25°C to $+75^{\circ}\text{C}$.

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]