



### P/N: AD-5970S DATA SHEET

#### Feature



- Excellent Longitudinal Balance performance.
- Operating temperature range: -10°C to +60°C.
- Storage temperature range: -25°C to +75°C.

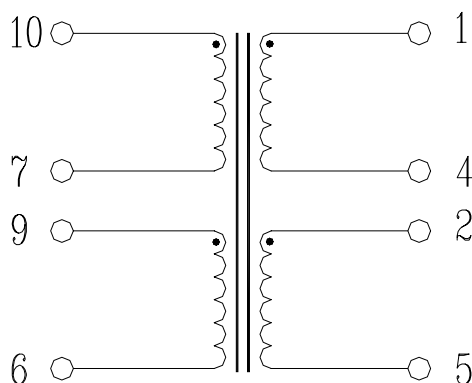
#### Electrical Specifications @ 25°C

Part Number	Mounting	Turn Ratio (±2%)	OCL (uH±5%) @ 10KHz/0.1V	Leakage Inductance (uH Max) @ 100KHz/0.1V	Longitudinal Balance(dB Min)
		(6-10):(5-1)	(6-10),(9+7)short	(6-10),(7+9,1+4+2+5)short	30KHz-1.1MHz
AD-5970S	SMT	3.3:1	800	10	-50

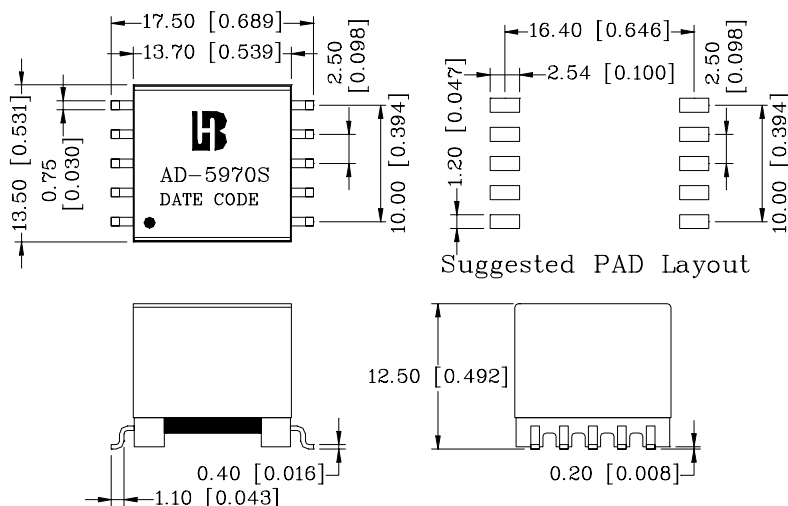
#### Additional Specifications

Part Number	DC Resistance (Ω Max)		Inter winding Capacitance (pF typ) @100KHz/0.1V (6-5),(7+9,2+4)short	Isolation Voltage (Vrms)
	(10-7)&(9-6)	(1-4)&(2-5)		
AD-5970S	0.55	0.20	25	1875

#### Schematic



#### Mechanical



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