

**P/N: AD-3114S DATA SHEET****Feature**

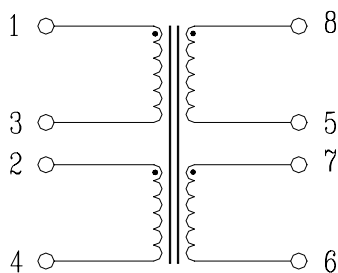
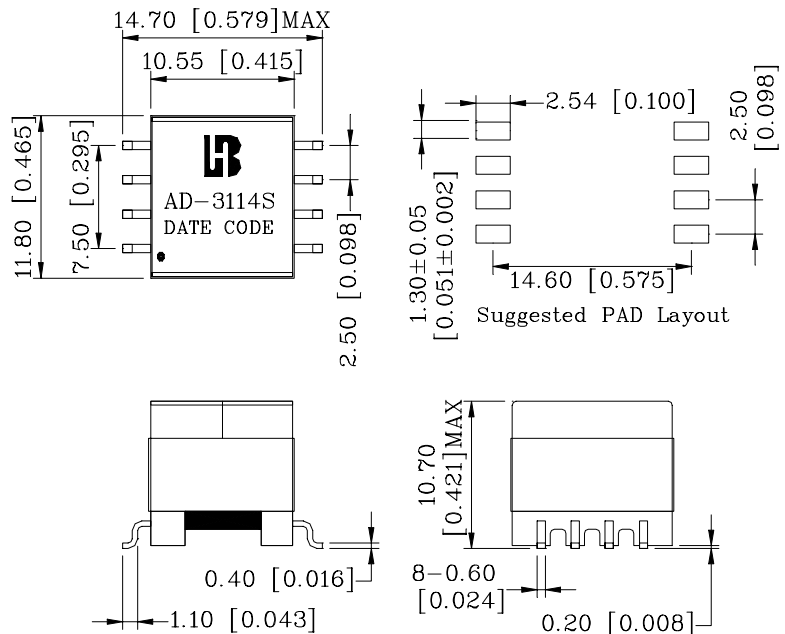
- For use with ADSL Application.
- Operating Temperature: -10°C to $+60^{\circ}\text{C}$.
- Storage Temperature: -25°C to $+75^{\circ}\text{C}$.

Electrical Specifications @ 25°C

Part Number	Mounting	Turn Ratio ($\pm 1\%$)	OCL($\mu\text{H} \pm 6\%$) @10KHz, 100mV _{AC}	Insertion Loss (dB Max)	Leakage Inductance (μH Max) @100KHz, 100mV _{AC}	Longitudinal Balance (dB Min)
		(8-6):(1-4)	(1-4),(2+3) short			30KHz~1.1MHz
AD-3114S	SMT	0.95 : 1	750	0.80	8	-35

Additional Specifications

Part Number	DC Resistance (Ω – Max, $\pm 10\%$)				THD (dB Max) @100KHz	Inter winding Capacitance (pF Max)	Isolation Voltage (Vrms)
	8-5	7-6	2-4	1-3			
AD-3114S	0.80	0.61	0.55		-85	115	1875

Schematic**Mechanical**

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