





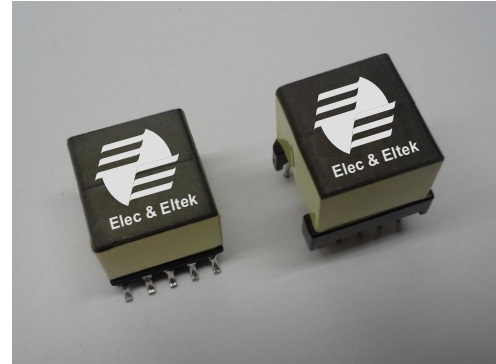




-  Designed to match with Analog Devices  
Ad20msp910 / AD20msp918 ADSL Chipsets
-  Available in Thru-Hole and Surface Mount packages
-  Excellent THD performance
-  Designed to meet IEC950, UL1950 and En60950  
Supplementary insulation requirements for working  
Voltages up to 250Vrms
-  Operating temperature 0°C to +85°C
-  RoHS compliant



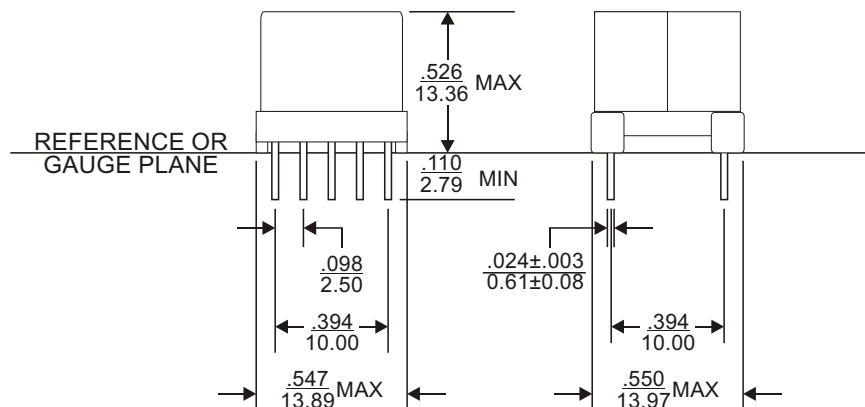
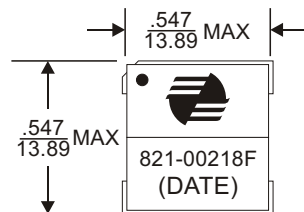
**ELECTRICAL SPECIFICATION @ 25°C**

Part Number	Turns Ratio (±2%)	OCL@10KHz, 0.1Vrms (MH±10%)		Leakage Inductance @100KHz, 0.1V(uH Max) (1-4) with 2-3, 8-9, 10-7 shorted	Longitudinal Balance(dB Min) (25KHz-1.1MHz)
		(1-4) with 2-3 shorted	(10-7) with 8-9 shorted		
821-00218F	1:1	5.0	5.0	18.0	40
821-00219F	1:1	5.0	5.0	18.0	40

Part Number	THD(dB Max)		DCR(Ohm Max)		Isolation Voltage(Vrms)	Insertion Loss @100KHz(dB Max)	Frequency Response @30KHz-1.1MHz(dB Max)
	@30KHz	@300KHz	(1-4)	(10-7)			
821-00218F	-80	-60	3.0	3.0	1500	0.5	±1.0
821-00219F	-80	-60	3.0	3.0	1500	0.5	±1.0

**MECHANICAL DIMENSIONS**

821-00218F



**Notes:**

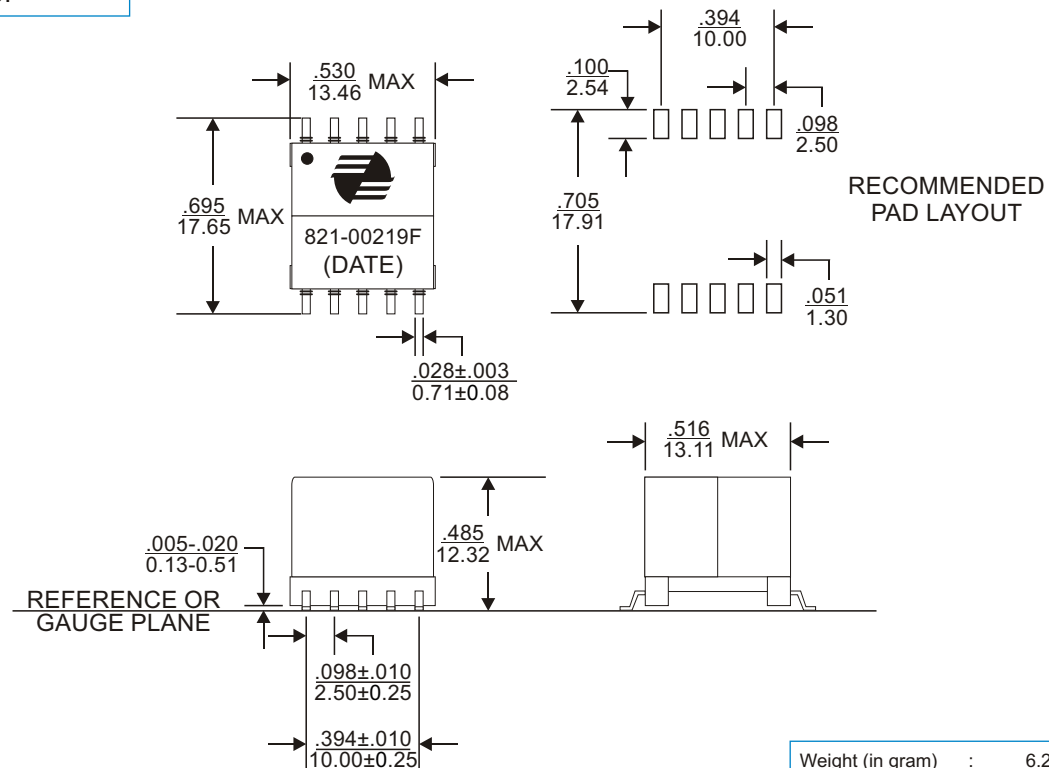
- All dimensions are specified in  $\frac{\text{inches}}{\text{mm}}$  with higher precedence in inches.
- Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$ .

Weight (in gram)	: 6.2 typ.
Tray	: 60pcs / tray



**MECHANICAL DIMENSIONS**

821-00219F



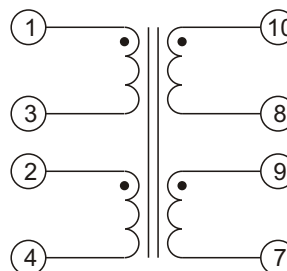
Weight (in gram)	: 6.2 typ.
Tape & Reel	: 150pcs / reel

**Notes:**

1. All dimensions are specified in  $\frac{\text{inches}}{\text{mm}}$  with higher precedence in inches.
2. Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$ .

**SCHEMATICS**

821-00218F/821-00219F



**FOR MORE INFORMATION, PLEASE CONTACT**

**HEADQUARTER**

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