







-  Compact surface mount package
-  Designed to meet Return Loss requirements of ITU G.703
-  Extended temperature range of -40°C to +85°C
-  Isolation voltage: 1500Vrms minimum



**ELECTRICAL SPECIFICATION @25°C**

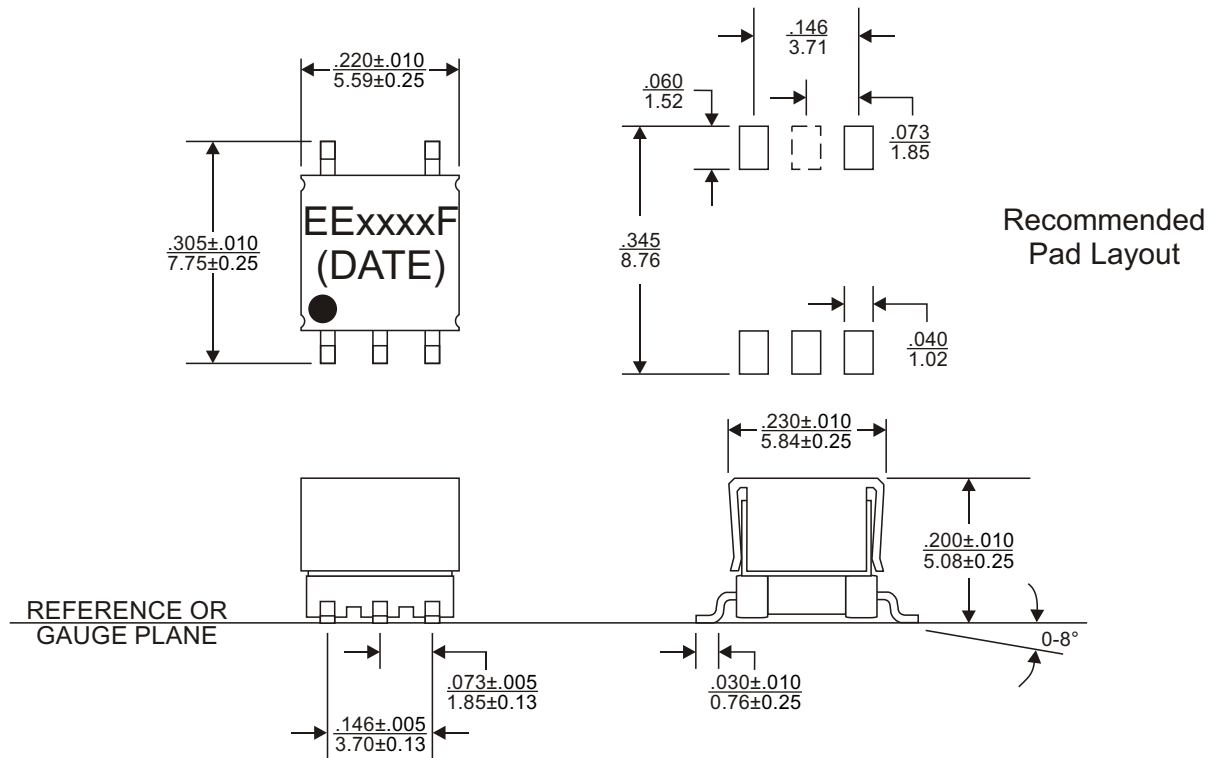
Part Number	Turns Ratio (Pri: Sec ±2%)	OCL Primary@25°C (mH Min)	LL (uH Max)	C <sub>ww</sub> (pF Max)	DCR Primary ( Max)	DCR Secondary ( Max)	Isolation Voltage (Vrms Min)
821-00768F	1.26CT:1	1.2	1.0	50	2.5	2.0	1500
821-00868F	1CT:1	2.0	1.2	65	2.7	2.7	1500
821-00869F	1.14CT:1	2.2	1.4	65	2.8	2.8	1500
821-00870F	1.35CT:1	2.0	1.4	65	2.7	2.0	1500
821-01672F	1CT:1	1.2	1.2	35	2.7	2.7	1500

**Notes:**

1. Ordering Information: 821-0xxxxFc.  
 821-0xxxxF = Part number (F : stands for RoHS compliant).  
 c = Packaging Code (T = Tape & Reel Packaging in 13 inch Reel).
2. Inductance is measured at 10kHz, 0.1Vrms.



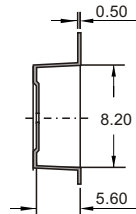
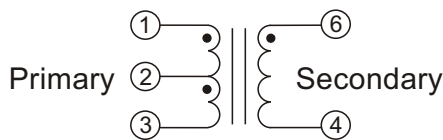
**MECHANICAL DIMENSIONS**



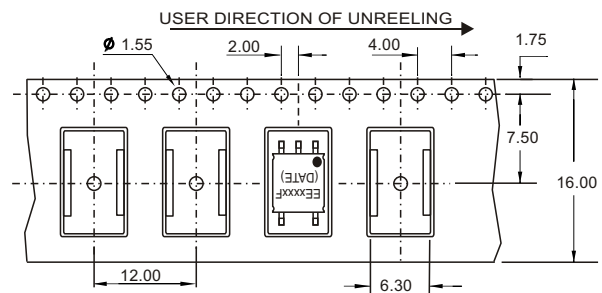
- Notes: 3. All dimensions are specified in  $\frac{\text{inches}}{\text{mm}}$  with higher precedence in inches.  
4. Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$ .

Weight (in gram)	: 0.38 typ.
Tape & Reel	: 800 / reel

**SCHEMATICS**



**PACKAGING**



**FOR MORE INFORMATION, PLEASE CONTACT**

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