



- Eight transformers in a single SMT package
- Models designed for leading transceiver ICs
- Return loss meets requirements of G.703
- Designed to meet UL60950
- Isolation voltage: 1500Vrms

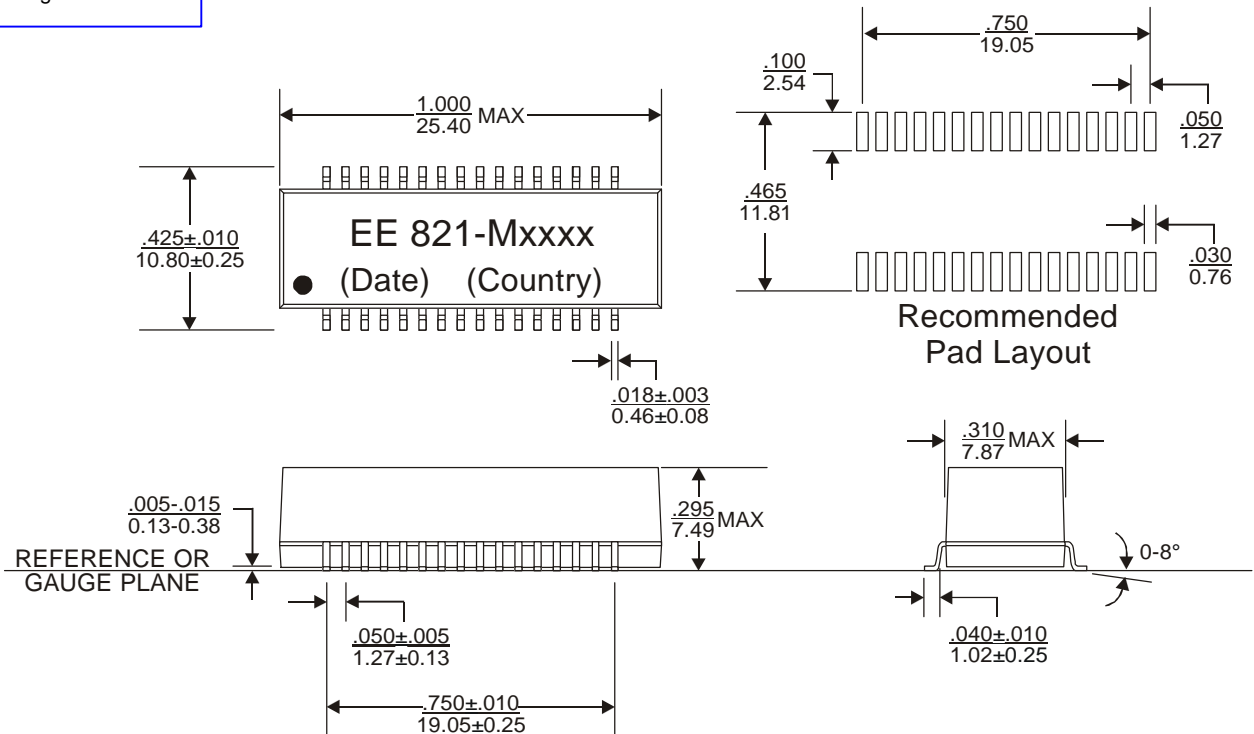


**ELECTRICAL SPECIFICATION @25°C**

Part Number		Turns Ratio (Pri : Sec ± 2%)	OCL Primary @ 25°C (uH Min)	LL (uH Max)	Cww (pF Max)	Isolation Voltage (Vrms Min)	Primary Pins
Std. Temp (0°C to +70°C)	Ext. Temp (-40°C to +85°C)						
821-M0603	---	1:1	40	0.15	10	1500	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
821-M0604	---	1:2	19	0.15	10	1500	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
---	821-M1509	1:1	100	0.15	10	1500	1-2, 3-4, 5-6, 7-8 9-10, 11-12, 13-14, 15-16
---	821-M1673	1:1 & 1:2	100 & 40	0.12	10	1500	1-2, 5-6, 9-10, 13-14 & 3-4, 7-8, 11-12, 15-16

**MECHANICAL DIMENSIONS**

Package: SO032A



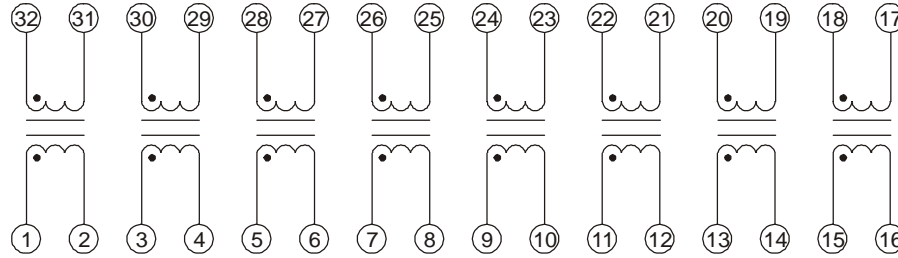
Note : All dimensions are specified in  $\frac{\text{inches}}{\text{mm}}$  with higher precedence in inches.  
Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$ .

Weight (in gram) : 2.7 typ.  
Tape & Reel : 400 / reel



**SCHEMATICS**

821-M0603/ -M0604/ -M1509/ -M1673



**FOR MORE INFORMATION, PLEASE CONTACT**

**HEADQUARTER**

Unit B10, 3/F., Merit Industrial Centre,  
94 Tokwawan Road, Kowloon,  
Hong Kong  
Tel: (852) 2954 3333  
Fax: (852) 2954 3304  
Email: eempl@eleceltek.com  
Website: <http://www.eleceltek.com>

Information herein is for reference only and subject to change without notice. It does not constitute any representation, warranty or commitment of the company in respect of the products in any aspect. All logos, brands and product names mentioned herein are trademarks or registered trademarks of their respective owners. The company does not assume any liability arising out of the application or use of any product or circuit described herein. Copyrights 2003, E & E Magnetic Products Limited.