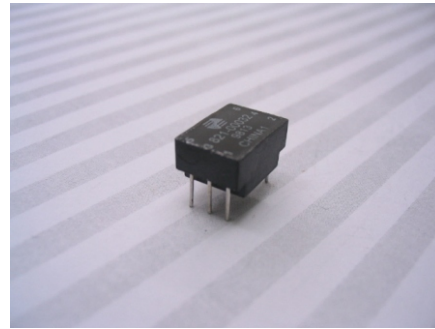




-  Single through hole models
-  Models designed for leading transceiver ICs
-  Models designed to meet UL60950
-  Minimum Isolation voltage: 1500Vrms
-  RoHS compliant versions are available



ELECTRICAL SPECIFICATION @25°C

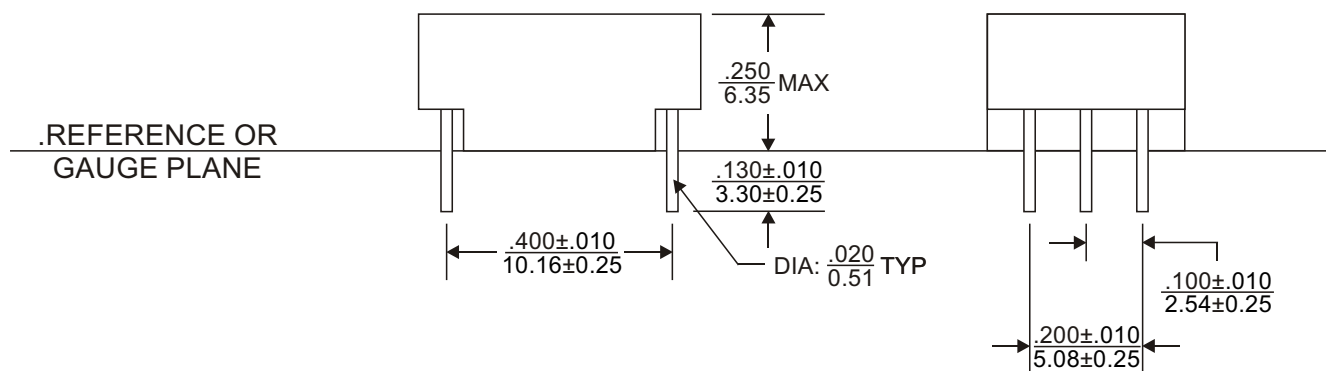
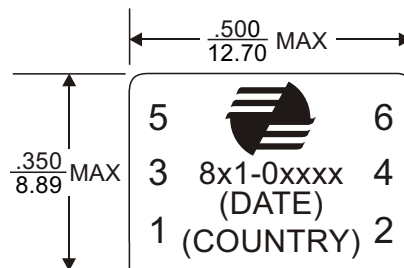
Part Number	Turns Ratio (Pri: Sec ±5%)	OCL@25°C (mH Min)	LL (uH Max)	Cww (pF Max)	DCR (Max)		Schematic	Primary Pins
					Primary	Secondary		
Standard Temperature Range Models - Operating Temperature 0°C to +70°C								
821-00023F	1:1:1 (1:2CS)	1.2	0.5	25	0.7	0.7 & 0.7	2	1-2
801-00027 ¹	1CT:3CT	1.2	0.5	30	0.7	1.6	4	1-5
821-00156F	1:1	1.2	0.5	25	0.7	0.7	1	1-2
821-00006F	1CT:1	1.2	0.8	25	0.7	0.7	3	1-5
801-00024 ¹	1:1.36	1.2	0.8	35	0.7	0.8	1	5-6
821-00157F	1.26CS:1 (1:1:1.58)	0.3	0.6	30	0.8	0.6	2	1-4
821-00158 ¹	1CS:1	0.8	0.6	30	0.8	0.6	2	1-4
801-00025 ¹	1CS:1.31	0.8	0.4	30	0.8	0.6	2	1-4
821-00159 ¹	1CT:2CT	1.2	0.30-0.55	30	0.7	1.2	4	1-5
821-00029F	1:2CT	1.2	0.5	40	0.7	1.3	3	2-6
821-00160 ¹	1:4CT	0.5	1.0	40	0.5	1.5	5	1-5
821-00161 ¹	1:1.14CT	1.2	0.8	35	0.7	0.8	5	1-5
821-00005 ¹	1:1.15CT	1.5	0.6	35	0.7	0.9	3	2-6
821-00024F	1:1/1.26	1.5	0.4	40	0.7	0.9	3	2-6
801-00010 ¹	1CT:2CT	1.2	0.5	30	0.7	1.2	4	1-5
821-00162 ¹	1:2.3CT	1.2	0.8	35	0.7	1.4	5	1-5
821-00163 ¹	1:1.36CT	1.2	0.8	35	0.7	0.9	5	1-5
821-00032F	1CT:1CT	1.2	0.8	25	0.8	0.8	4	1-5
821-00164 ¹	1CT:1	0.7	0.7	20	0.2	0.8	3	1-5
821-00165 ¹	1:1.36CT	0.7	0.7	20	0.5	0.4	5	1-5
821-00166 ¹	1:1.5CT	1.2	0.6	30	0.7	1.0	3	2-6
821-01675 ¹	1:1.26CT	1.2	0.8	60	0.9	1.0	4	2-6
821-00433 ¹	1:1.583CT	1.2	0.8	60	0.7	1.0	3	2-6
Extended Temperature Range Models - Operating Temperature -40°C to +85°C								
821-00169 ¹	1:1.36	1.2	0.8	35	0.9	1.2	1	5-6
821-00170 ¹	1:1.15CT	1.5	0.8	40	0.9	1.0	3	2-6
821-00026 ¹	1CT:2CT	1.2	0.6	50	1.0	2.0	4	2-6
821-00171F	1CT:1CT	1.2	1.0	40	1.0	1.0	4	1-5
821-00172 ¹	1CT:3CT	1.2	0.8	60	0.9	2.7	4	1-5
821-00641 ¹	1:1/1.26	1.5	0.8	50	0.9	1.1	3	2-6

Notes: 1. For RoHS version compliant, Please contact EEMPL.



MECHANICAL DIMENSIONS

Package: T-Case

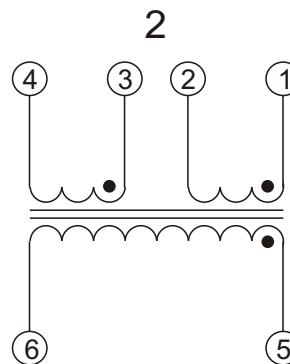
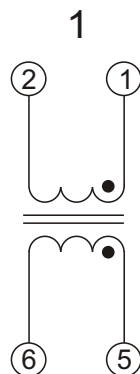


Notes: All dimensions are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in inches.
Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$.

Weight (in gram)	: 1.2 typ.
Tube	: 55/ tube

SCHEMATICS

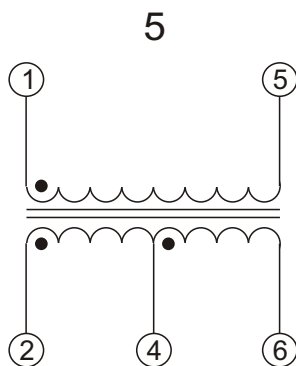
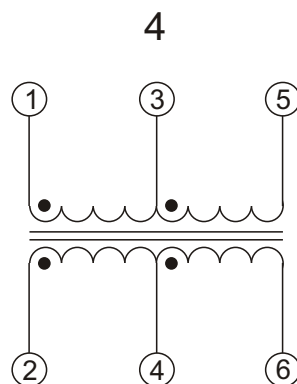
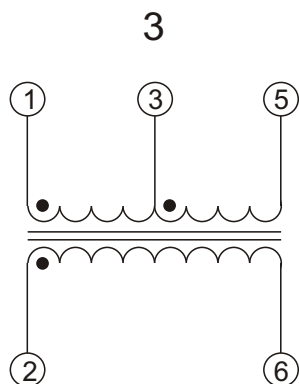
Schematics 1 & 2





SCHEMATICS

Schematics 3,4 & 5



FOR MORE INFORMATION, PLEASE CONTACT

HEADQUARTER

1/F., Harbour View 1, No.12 Science Park East Avenue,
Phase II, Hong Kong Science Park, Shatin, N.T.
Hong Kong

Tel: (852) 2954 3333 Fax: (852) 2954 3304

Email: eempl@eleceltek.com

Website: <http://www.eleceltek.com> / www.eemagnetic.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 2009, E & E Magnetic Products Limited.

1/F., Harbour View 1, No.12 Science Park East Avenue, Phase II, Hong Kong Science Park, Shatin, N.T. Hong Kong
Tel: (852) 2954 3333 • Fax: (852) 2954 3304