



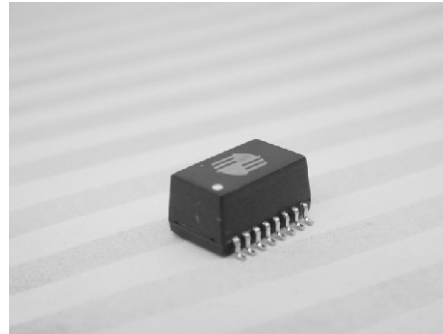


-  Both Transmit and Receive Transformers designed in a single SMT package
-  Models designed for leading transceiver ICs
-  Isolation voltage: 1500Vrms
-  RoHS compliant versions are available


**ELECTRICAL SPECIFICATION @25°C**

Part Number		Turns Ratio (Pri: Sec ±5%)	OCL Primary (mH Min)	LL (uH Max)	C <sub>ww</sub> (pF Max)	DCR Primary ( Ω Max)	Schematic	Primary Pins
Std. Temp (0°C to +70°C)	Ext. Temp (-40°C to +85°C)							
821-M0016R	821-M0370R	1CT:2CT & 1CT:2CT	1.20	0.60	30	0.70	1	16-14, 6-8
821-M0093 <sup>1</sup>	821-M0353 <sup>1</sup>	1CT:2CT & 1:1.36CT	1.20	0.60	30	0.70	2	16-14, 6-8
821-M0094 <sup>1</sup>	821-M0368 <sup>1</sup>	1:1.15CT & 1CT:2CT	1.20	0.60	30	0.70	3	16-14, 6-8
821-M0095 <sup>1</sup>	821-M0372 <sup>1</sup>	1:1/1.26 & 1CT:2CT	1.20	0.60	30	0.70	3	16-14, 6-8
821-M0096R	821-M0373 <sup>1</sup>	1CT:1.15CT & 1CT:1.15CT	1.20	0.60	30	0.70	1	1-3, 6-8
821-M0366 <sup>1</sup>	821-M0369R	1CT:1CT & 1CT:1.5CT	1.20	0.80	30	0.70	1	16-14, 6-8
821-M0097R	821-M0374R	1CT:1CT & 1CT:2CT	1.20	0.60	30	0.70	1	16-14, 6-8
821-M0098 <sup>1</sup>	821-M0375 <sup>1</sup>	1CT:1.41CT & 1CT:1.41CT	1.00	0.60	30	0.70	1	16-14, 11-9
821-M0008 <sup>1</sup>	821-M0376 <sup>1</sup>	1CT:1.41CT & 1CT:1.41CT	1.00	0.60	30	0.70	1	1-3, 11-9
----	821-M0382R	1CT:1CT & 1CT:2.4CT	1.00	0.80	30	0.85	1	9-11, 1-3
----	821-M0377 <sup>1</sup>	1CT:1CT & 1CT:1.67CT	1.00	0.80	25	0.80	1	6-8, 14-16
821-M0380 <sup>1</sup>	----	1CT:1CT & 1CT:1.36CT	1.20	0.60	30	0.70	1	6-8, 1-3
821-M0132 <sup>1</sup>	----	1CT:1.5CT & 1CT:1.5CT	1.50	0.80	40	0.70	1	1-3, 6-8
821-M0378 <sup>1</sup>	----	1CT:2CT & 1CT:2.3CT	1.20	0.80	30	0.90	1	6-8, 14-16
821-M0179 <sup>1</sup>	----	2CT:1/1.26 & 2CT:1/1.26	1.50	0.50	40	0.70	1	1-3, 11-9
821-M0367 <sup>1</sup>	----	2CS:1.57/2 & 2CS:1.57/2	1.50	0.50	40	0.70	4	1-2, 5-6
821-M0383R	----	1CT:1CT & 1CT:1.36CT	1.20	0.60	30	0.70	1	16-14, 6-8
821-M0381R	821-M0678 <sup>1</sup>	1CT:2.42CT & 1CT:2.42CT	1.20	0.60	25	0.70	1	1-3, 6-8
----	821-M0676 <sup>1</sup>	1:2/2.4 & 1:0.79/1	1.00	1.00	35	0.80	5	1-3, 6-8
821-M0677 <sup>1</sup>	----	1CT:2.4CT & 1CT:2.4CT	1.20	0.30	15	0.30	1	1-3, 6-8
----	821-M0871 <sup>1</sup>	1:2CT & 1:2CS	1.20	0.50 & 1.00	35	1.00	6	1-3, 11-9
----	821-M0867 <sup>1</sup>	1:1.36CT & 1:2CT	1.20	0.60	30	1.00	7	16-14, 6-8
----	821-M0866R	1CT:2CT & 1CT:2CT	1.20	0.60	30	0.70	1	1-3, 6-8
----	821-M0865 <sup>1</sup>	1CT:2CT & 1:1	1.20	0.60	30	0.70	8	1-3, 6-8
----	821-M1645 <sup>1</sup>	1CT:2CT & 1CT:2.42CT	1.20	0.80	35	1.00	1	1-3, 6-8
----	821-M1244 <sup>1</sup>	1CT:1CT & 1CT:1CT	1.20	0.80	30	0.70	1	1-3, 6-8
----	821-M0683R	1CT:1:0.8 & 1CT:1:0.8	1.20	0.80	30	1.00	4	16-14, 11-9
----	821-M1348 <sup>1</sup>	1CT:1.58:2 & 1:1.65:2	1.20	0.80	30	1.00	9	2-4, 6-7
----	821-M1646 <sup>1</sup>	1CT:1:1 & 1CT:1:1	1.20	0.80	30	1.00	4	16-14, 11-9

**Notes:**

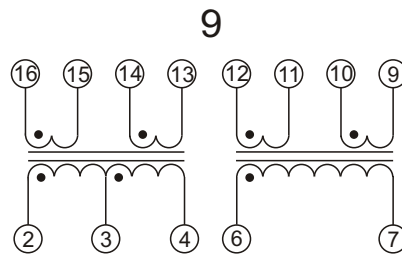
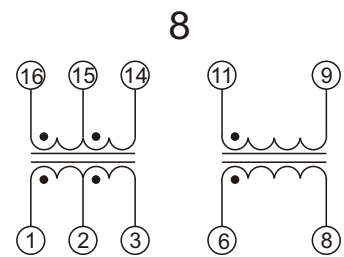
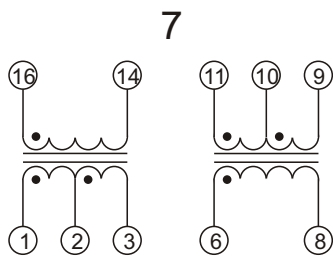
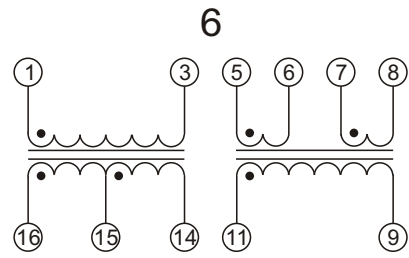
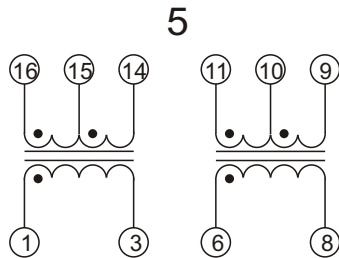
1. For RoHS compliant version Please contact EEMPL.





SCHEMATICS

Schematics 5,6,7,8 & 9

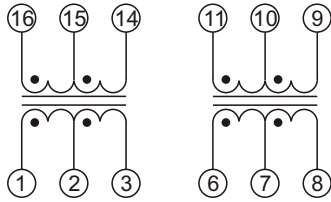




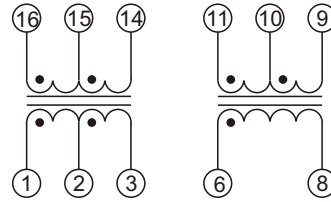
**SCHEMATICS**

Schematics 1,2,3 & 4

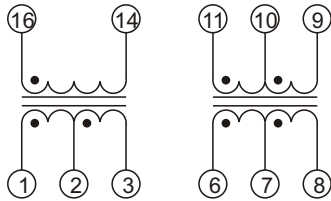
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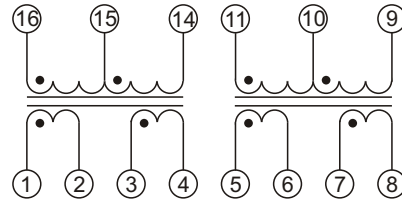
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**FOR MORE INFORMATION, PLEASE CONTACT**

**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](http://www.eemagnetic.com)

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