



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



### CMT-8105

**Description:**

Highly dependable Triad common mode EMI suppression inductors are used in various types of power supplies to eliminate noise common to all lines. These units also provide effective differential mode filtering. Meeting VDE, IEC, UL and CSA requirements, they minimize AC line transmitted interference often created by high frequency switching power supplies.

**Construction:**

Constructed with UL rated 130°C (Class B) materials.

**Electrical Specifications (@25C) .1V@1Khz**

Min. Inductance <sup>(1)</sup>	Amps <sup>(2)</sup> RMS	Max. DC (Ω) Resistance
7.0 mH	2.8	0.12

- 1. Inductance per winding.
- 2. Rated current to cause approximately 35°C temperature rise.

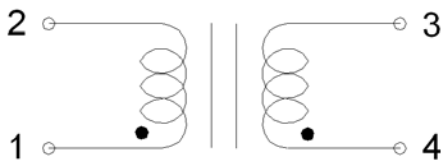
**Dimensions:**

A	B	C	D	E	F	G
Max.	± 0.01	± 0.015	± 0.015	Max.	Max.	Min.
1.20	0.60	0.80	0.40	1.20	0.05	0.15

\*Units in inches.

**Safety:** 1500VAC Dielectric Strength between windings.

**Schematic:**



**RoHS Compliance:** As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

\*Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics website for the most current version. For soldering and washing information please see <http://www.triadmagnetics.com/faq.html>

