






-  Design for IA32 /IA64 's VRM and VRD applications
-  Suitable for Server, High-End Workstation, Graphics and Module applications
-  Integrated through hole package
-  Operating temperature 0°C to +70°C.
-  RoHS compliant

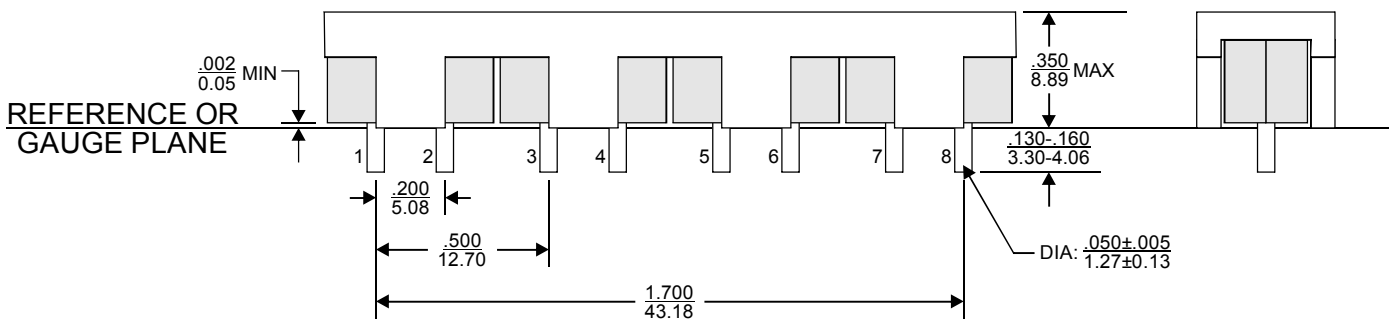
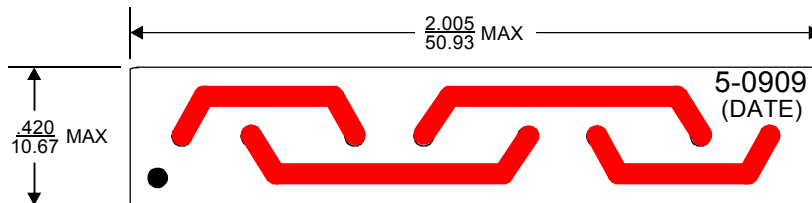


ELECTRICAL SPECIFICATION @ 25°C

RoHS Part Number	Turns Ratio (± 1%)			Assembly Inductance (µH ± 20%)				DCR (mohm ± 10%)				Design Parameters of Single Inductor	
	(1-3):(2-5)	(1-3):(4-7)	(1-3):(6-8)	(1-3)	(4-7)	(5-2)	(8-6)	(1-3)	(4-7)	(5-2)	(8-6)	Ls	LL
835-00909F	1 : 1	1 : 1	1 : 1	625	625	625	625	0.41	0.52	0.52	0.41	264 - 396	39 - 47

1. The design parameters of single inductor are not measured at assembly level.
2. The test conditions for measuring turns ratio: 100kHz, 1Vrms.

MECHANICAL DIMENSIONS



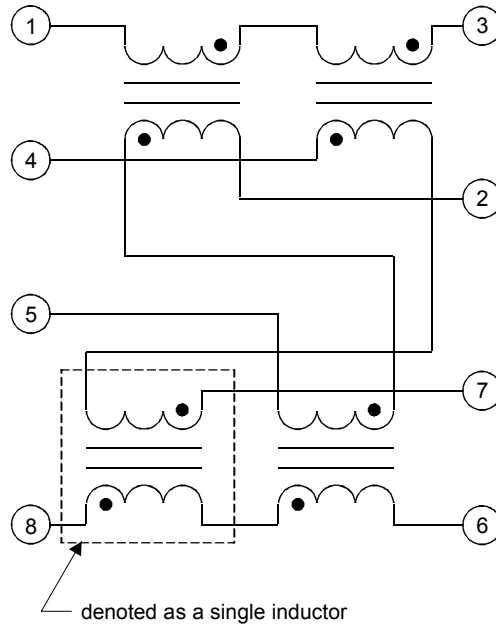
Notes:

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) : 12.3 typ.

SCHEMATICS

835-00909F



DISCLAIMER

The technology utilized in conjunction with the coupled inductor ("the CL") described in this data sheet includes intellectual property (the "IP") owned by iWatt, Inc. and is covered by one or more of the following U.S. patents: 6,545,450; 6,686,727; 6,696,823. In connection with the end customer's purchase of the CL from "E&E Magnetic Products Limited", the end customer is hereby granted a non-exclusive, worldwide, royalty-free license (without rights to sub-license) to use and incorporate the IP in the end customer's product that also incorporates the CL. In no way does this license extend to customer end products which do not incorporate the CL to implement the IP.

FOR MORE INFORMATION, PLEASE CONTACT

HEADQUARTER
2/F Block A, Merit Industrial Centre,
94 Tokwawan Road, Kowloon,
Hong Kong
Tel: (852) 2765 3888
Fax: (852) 2954 3304
Email: eempl@eleceltek.com
(or) sales@eemplusa.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 2006, E & E Magnetic Products Limited.