
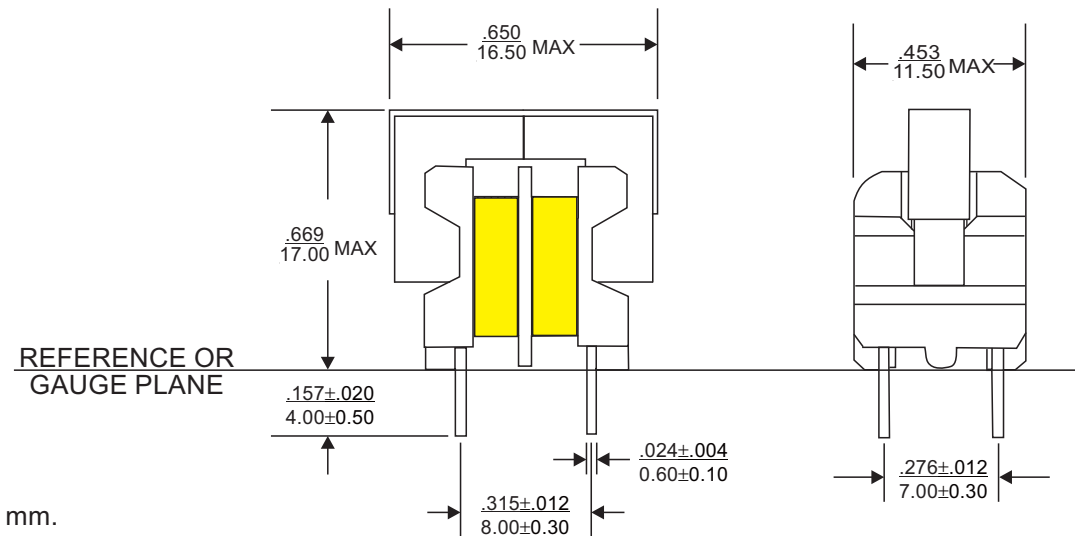
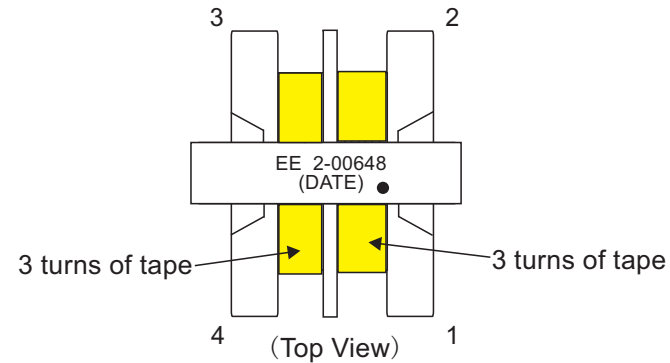


REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE	N/A	08/14/14

PAGE 4 IS FOR INTERNAL USE ONLY

PART NUMBER		PART DESCRIPTION		TITLE											
832-00648F		RoHS compliant per EU Directive 2011/65/EU		PCMC, UU9.8, 15mH, 2 PHASES, TH, 4 PIN											
<p align="center"><u>WARNING !</u></p> <p>ALL SHEETS OF THIS DOCUMENT ARE CONTROLLED DOCUMENTATION AND ARE NOT TO BE RELEASED OUTSIDE OF E&E OR ITS SUB-CONTRACTORS WITHOUT AUTHORIZATION.</p>		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.		APPROVALS											
		<p align="center">TOLERANCE ARE:</p> <table border="0"> <tr> <td>INCH</td> <td>mm</td> <td>ANGLE</td> </tr> <tr> <td>.XXX ± .005</td> <td>.XX ± .13</td> <td>X.X ± 0.3</td> </tr> <tr> <td>.XX ± .02</td> <td>.X ± .5</td> <td>X. ± 1</td> </tr> </table>		INCH	mm	ANGLE	.XXX ± .005	.XX ± .13	X.X ± 0.3	.XX ± .02	.X ± .5	X. ± 1	DATE		 <p>E & E Magnetic Products Ltd.</p>
		INCH	mm	ANGLE											
		.XXX ± .005	.XX ± .13	X.X ± 0.3											
		.XX ± .02	.X ± .5	X. ± 1											
DRAWN BY		B.XU		08/14/14											
PROJ. ENG		S. HONG		08/14/14											
APPROVED BY		J. YANG		08/14/14											
Q.A.		D. LUO		08/14/14											
DRAWING NO./MODEL		832-00648F		REV											
SCALE		DO NOT SCALE		1 OF 4											



1. Dimensions are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in mm.
2. Unless otherwise specified, all tolerance are $\pm \frac{.010}{0.25}$.
3. "(DATE)" includes at least the manufacturing date code(in YYWW format) plus manufacturing site code.
4. Tape color: yellow.
5. Bobbin and Core dispensing angle to be fixed with glue.
6. The core use steel clip fixed.
7. All materials used have UL flammability rating of 94V-0 & operating Temperature of 130 Deg C.

MECHANICAL OUTLINE



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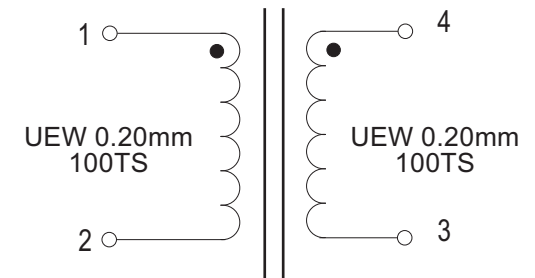
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ELECTRICAL SPECIFICATION @25°C:

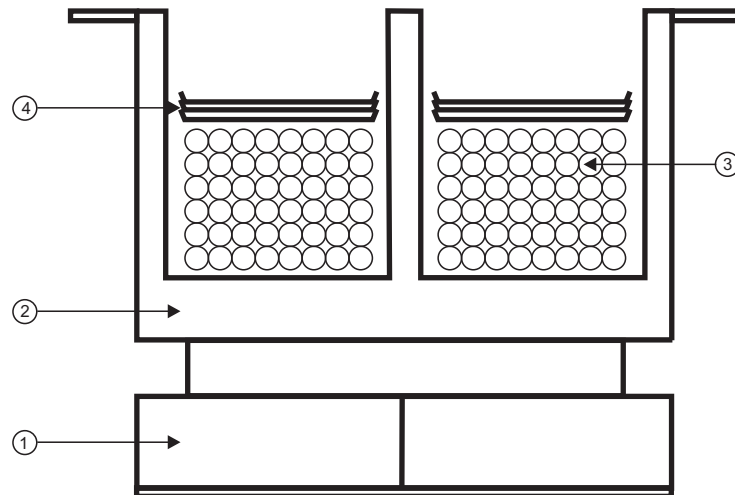
PARAMETERS	UNIT	LIMITS
Turns Ratio (1 - 2) : (4 - 3)	-	1 : 1 ± 1%
Polarity	-	Per Schematic
Ls (1 - 2)@1kHz,0.25Vrms	mH	15 - 40
Ls (4 - 3)@1kHz,0.25Vrms	mH	15 - 40
DCR (1 - 2)	Ω	1.50 max
DCR (4 - 3)	Ω	1.50 max
HIPOT (1 - 2) : (4 - 3) @5mA, 5 seconds	Vrms	1000
HIPOT (1 - 2 - 3 - 4) : (core) @5mA, 5 seconds	Vrms	1000



SCHEMATIC

8. Operating temperature range: -40°C to +125°C. The part temperature (ambient temperature + temperature rise) should not exceed the upper limit of the operating temperature under worst case operating conditions. Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.

WINDING CONSTRUCTION



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