
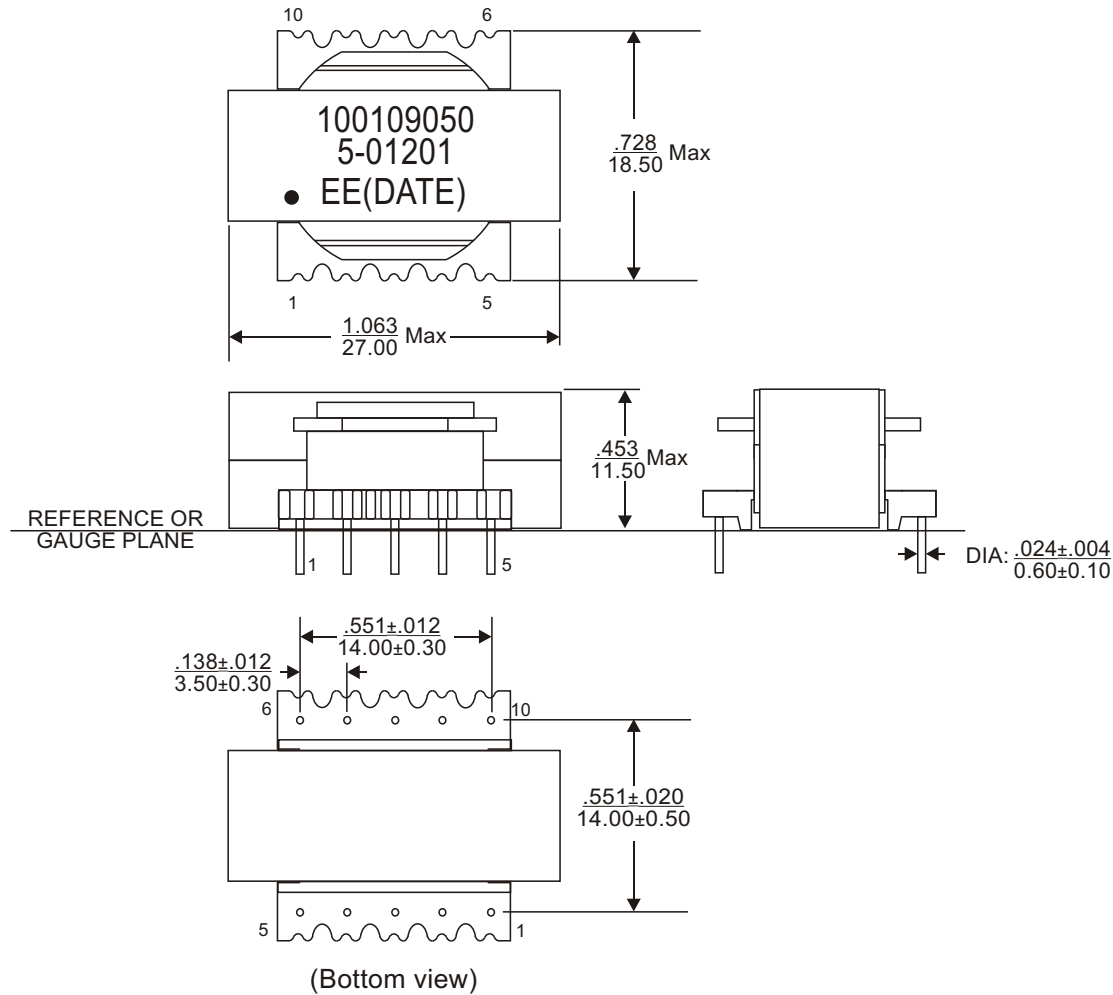


REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE FOR RFQ#A2013-12965	N/A	01/28/13
02	ADD CORE INFORMATION PER CUSTOMER'S REQUIREMENT	EE14426	02/01/13

PAGE 4 IS FOR INTERNAL USE ONLY

PART NUMBER		PART DESCRIPTION		TITLE												
835-01201F		RoHS compliant per EU Directive 2011/65/EU		PXFM, ER2510, 1.0mH, TH, 10PIN												
<p style="text-align: center;">WARNING !</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 style="text-align: center;">TOLERANCE ARE:</p> <table border="0"> <tr> <td>INCH</td> <td>mm</td> <td>ANGLE</td> </tr> <tr> <td>.XXX .005 .XX .13 X.X 0.3</td> <td></td> <td></td> </tr> <tr> <td>.XX .02 .X .5 X. 1</td> <td></td> <td></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		DATE														
PROJ. ENG		DATE														
APPROVED BY		DATE														
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MECHANICAL OUTLINE



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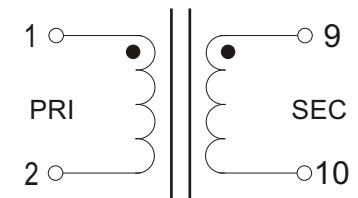
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1. Dimensions are specified in inches with higher precedence in mm.
2. Unless otherwise specified, all tolerance are $\frac{.010}{0.25}$.
3. "(DATE)" includes at least the manufacturing date code (in YYWW format).
4. Core material is PC40 or equivalent. Core gap is around 0.64mm.

ELECTRICAL SPECIFICATION @25 C:

PARAMETERS	UNIT	LIMITS
Turns Ratio(1-2):(9-10)	-	1 : 0.225 2%
Polarity	-	Per Schematic
Inductance,Ls(1-2)@1kHz,1Vrms	mH	1.0 10%
LL(1-2),short 9-10@100kHz,1Vrms	uH	1%*Ls normal and 30uH Max
HIPOT(1-2):(9-10)@10mA,1 minute	Vrms	500



SCHEMATIC

5. 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.



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