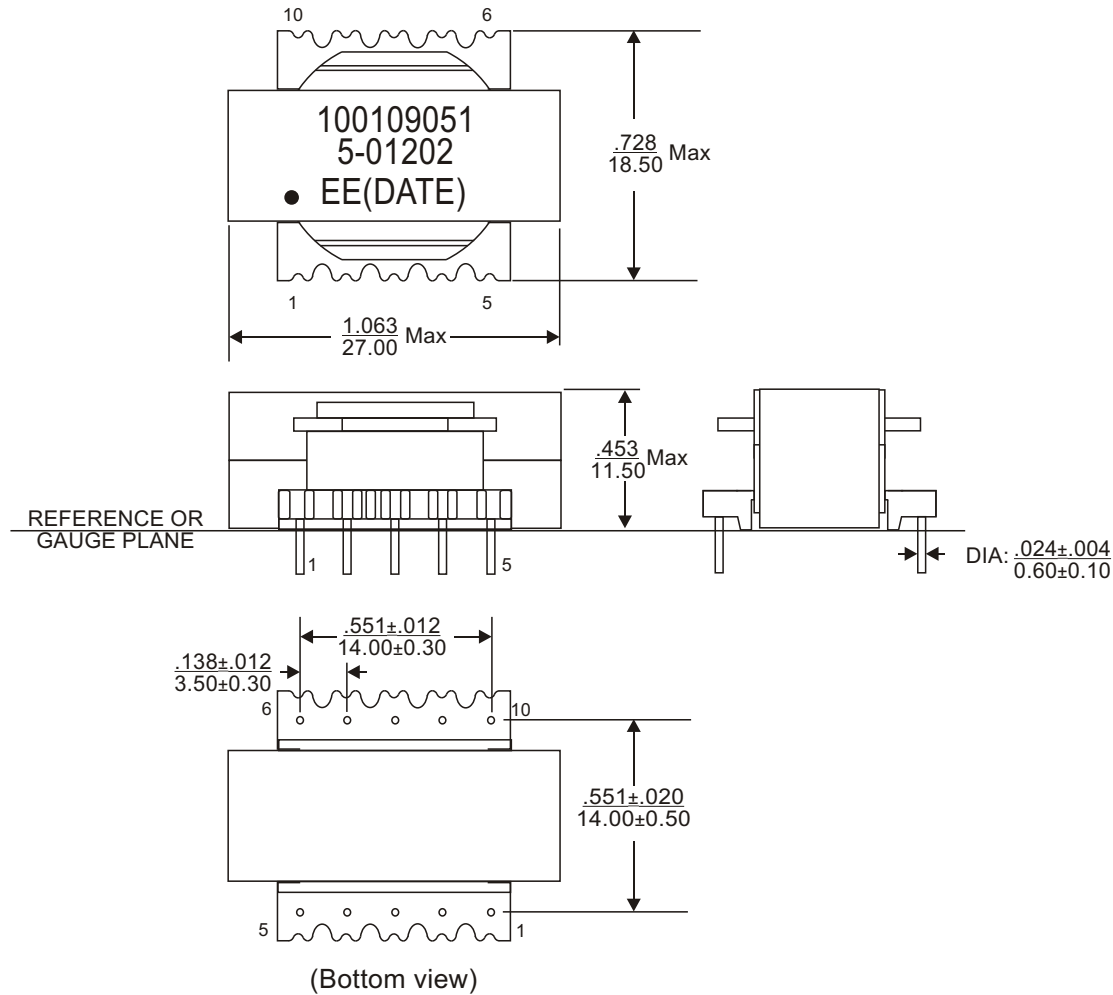


		REVISIONS			
		REV.	DESCRIPTION	ECN NO.	DATE
		01	FIRST RELEASE FOR RFQ#A2013-12966	N/A	01/28/13
		02	ADD CORE INFORMATION PER CUSTOMER'S REQUIREMENT	EE14426	02/01/13

		PAGE 4 IS FOR INTERNAL USE ONLY			
PART NUMBER		PART DESCRIPTION		TITLE	
835-01202F		RoHS compliant per EU Directive 2011/65/EU		PXFm, ER2510, 1.9mH, TH, 10PIN	
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		TOLERANCE ARE:		DRAWING NO./MODEL	
		INCH mm ANGLE .XXX .005 .XX .13 X.X 0.3 .XX .02 .X .5 X. 1		835-01202F	
		APPROVALS DATE DRAWN BY J.L.XIONG 02/01/13 PROJ. ENG S.HONG 02/01/13 APPROVED BY J. YANG 02/01/13 Q.A. D.LUO 02/01/13		REV	
				02	
		SCALE		PAGE 1 OF 4	
		DO NOT SCALE			



MECHANICAL OUTLINE



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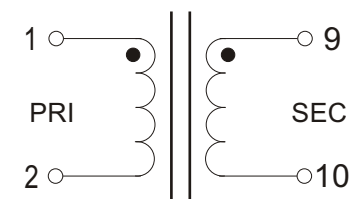
4

- Dimensions are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in mm.
- Unless otherwise specified, all tolerance are $\frac{.010}{0.25}$.
- "(DATE)" includes at least the manufacturing date code(in YYWW format).
- Core material is PC40 or equivalent. Core gap is around 0.69mm.

ELECTRICAL SPECIFICATION @25 C:

PARAMETERS	UNIT	LIMITS
Turns Ratio(1-2):(9-10)	-	1 : 0.222 2%
Polarity	-	Per Schematic
Inductance,Ls(1-2)@1kHz,1Vrms	mH	1.9 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

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.



SCHEMATIC



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