REVISIONS

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

PAGE 4 IS FOR INTERNAL USE ONLY

PART NUMBER	PART DESCRIPTION
832-00659F	RoHS compliant per EU Directive 2011/65/EU

TITLE

PCMC, T CORE, 2.7mH, 2 PHASES, TH, 4 PIN

WARNING !

ALL SHEETS OF THIS DOCUMENT ARE CONTROLLED DOCUMENTATION AND ARE NOT TO BE RELEASED OUTSIDE OF E&E OR ITS SUB-CONTRACTORS WITHOUT AUTHORIZATION.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.

TOLERANCE ARE:

INCH	mm	ANGLE
.XXX ± .005	.XX ± 0.13	X.X ± 0.3
.XX ± .02	.X ± 0.5	X. ± 1

APPROVALS		DATE
DRAWN BY	B.XU	08/08/14
PROJ. ENG	B. HU	08/08/14
APPROVED BY	J.YANG	08/08/14
Q.A.	D.LUO	08/08/14

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DRAWING NO./MODEL: 832-00659F

REV: 01

SCALE: DO NOT SCALE

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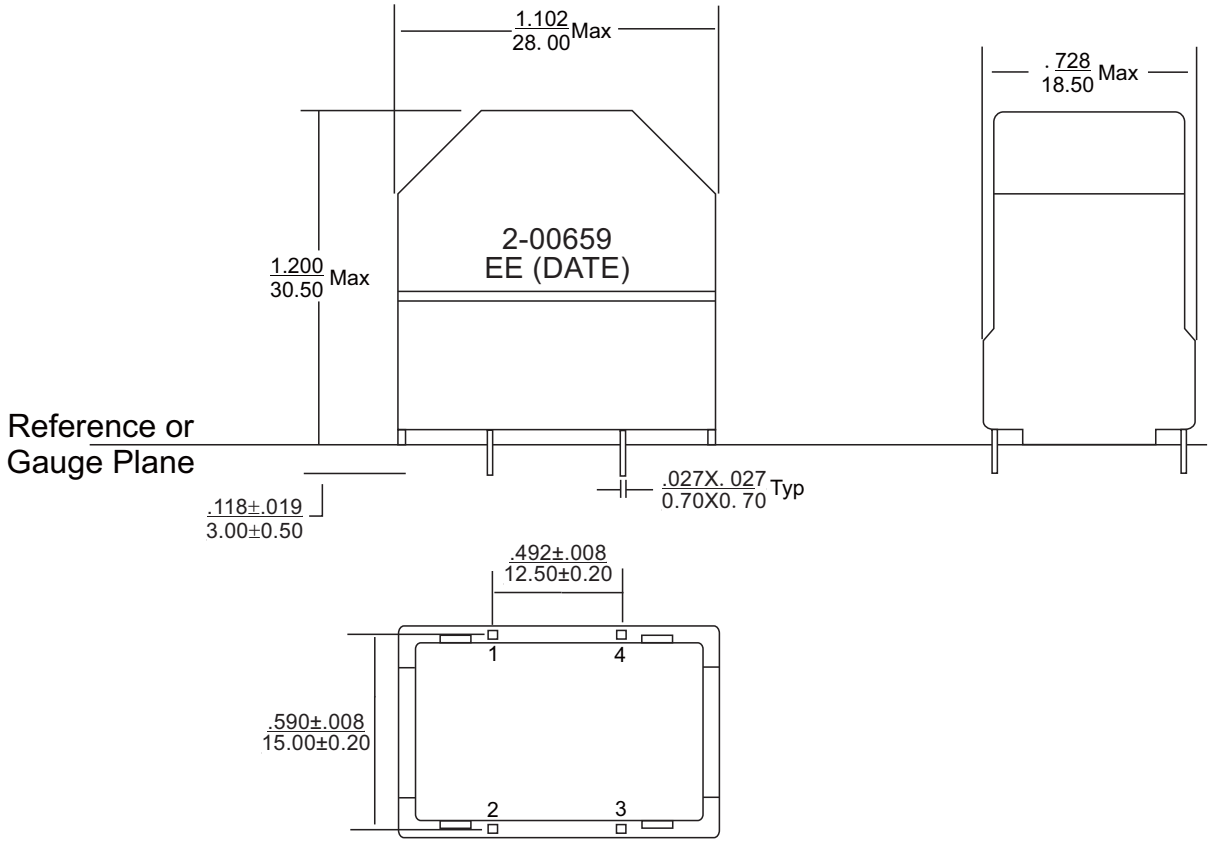

1. Dimensions are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in mm.
2. Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$.
3. "(DATE)" includes at least the manufacturing date code(in YYWW format) plus manufanturing site code.

MECHANICAL OUTLINE

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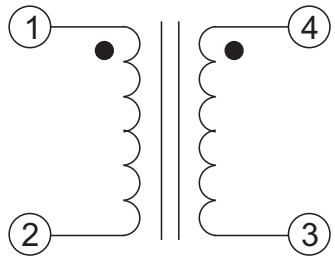
ELECTRICAL SPECIFICATION @25°C:

PARAMETERS	UNIT	LIMITS
Turns Ratio(1-2):(4-3)	-	1 : 1 ± 2%
Polarity	-	Per Schematic
Inductance, Ls(Each Winding)@10kHz, 0.05Vrms	mH	2. 7 ± 30%
DCR（Each Winding）	mΩ	60 Max
Hipot(1-2):(4-3), 2 seconds	Vrms	1500



SCHEMATIC

4. Operating temperature range: -25°C to +125°C.

5. Rated current is the DC current required to raise the component temperature by 55°C MAX at ambient temperature of 25°C. Irated of this part is up to 3A.

6. 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.

7. This is a power line chokes, Rated voltage 250V AC/50Hz

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