

REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE	N/A	04/13/11
02	CHANGE THE MARKING	EE12864	06/08/11

When ordering, please add suffix T to the part number for tape & reel packaging (330mm reel).

PAGE 4 & 5 ARE FOR INTERNAL ONLY

PART NUMBER	PART DESCRIPTION
821-C1873F	RoHS compliant per EU Directive 2002/95/EC(without exemption of solder content)

TITLE	TRANSFORMER, W/CMC, T1/E1, QUAD, SOIC, 40 PIN, EXT. TEMP.
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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.

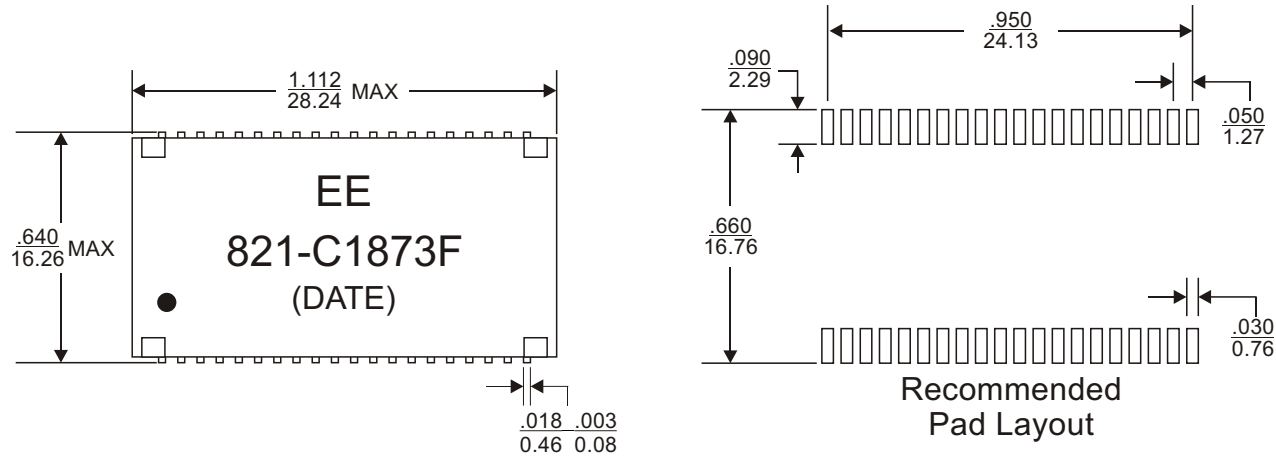
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.

TOLERANCE ARE:

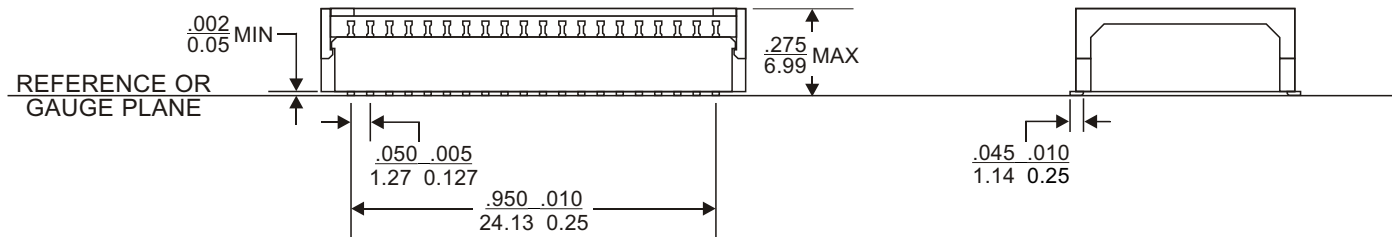
INCH	mm	ANGLE
.XXX .005 .XX .13 X.X 0.3		
.XX .02 .X .5 X. 1		

APPROVALS	DATE
DRAWN BY X.B.ZHU	06/08/11
PROJ. ENG C.S.WANG	06/08/11
APPROVED BY V. TSUI	06/08/11
Q.A. C.M. TSUI	06/08/11

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DRAWING NO./MODEL 821-C1873F	REV 02
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Recommended Pad Layout



MECHANICAL OUTLINE



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DRAWING NO./MODEL

821-C1873F

REV

02

SCALE

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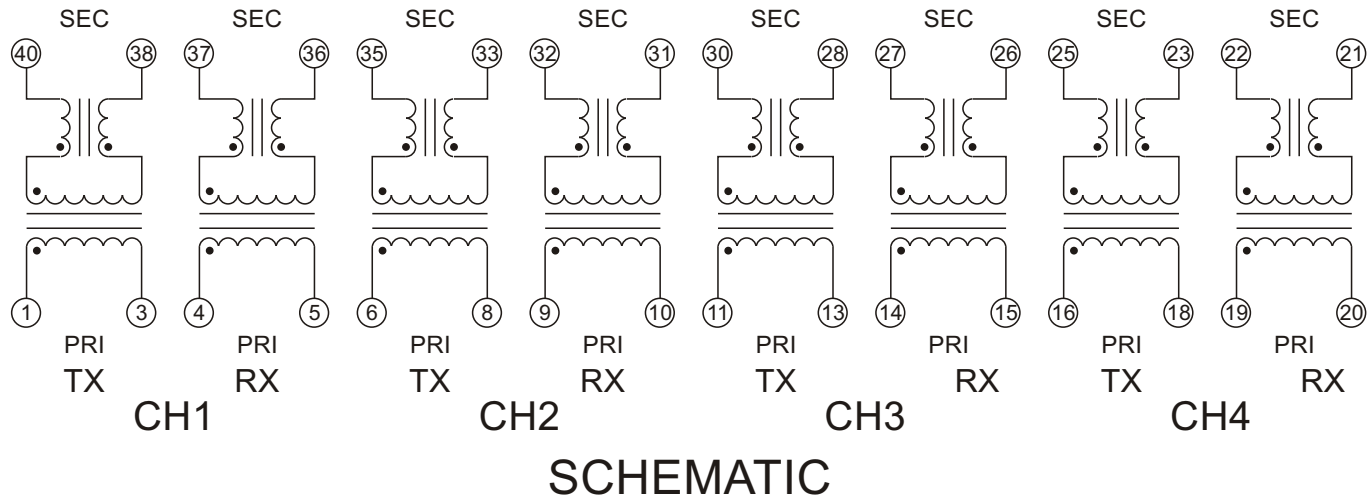
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1. Dimensions are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in inches.
2. Unless otherwise specified, all tolerances are $\frac{.010}{0.25}$.
3. Coplanarity: $\frac{.004}{0.10}$ max.
4. "(DATE)" includes at least the manufacturing date code (in YYWW format) plus two character country code.



ELECTRICAL SPECIFICATION @25 C:

PARAMETERS	UNIT	Tx-Side	Rx-Side
Turns Ratio(Pri):(Sec)	-	1:2 2%	1:1 2%
Polarity	-	Per Schematic	Per Schematic
OCL(Pri) @10kHz, 0.1Vrms	mH	1.20 Min	1.20 Min
Cww(Pri):(Sec) @100kHz, 1.0Vrms	pF	35 Max	35 Max
Isolation/HIPOT(Pri):(Sec)	Vrms	1500 Min	1500 Min

5. Operating temperature: -40 C to +85 C.



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