

REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE	N/A	11/30/15

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-C0604F	RoHS compliant per EU Directive 2011/65/EU

TITLE
TRANSFORMER, T3/DS3/E3/STS-1, OCTAL, SMD, 32 PIN


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

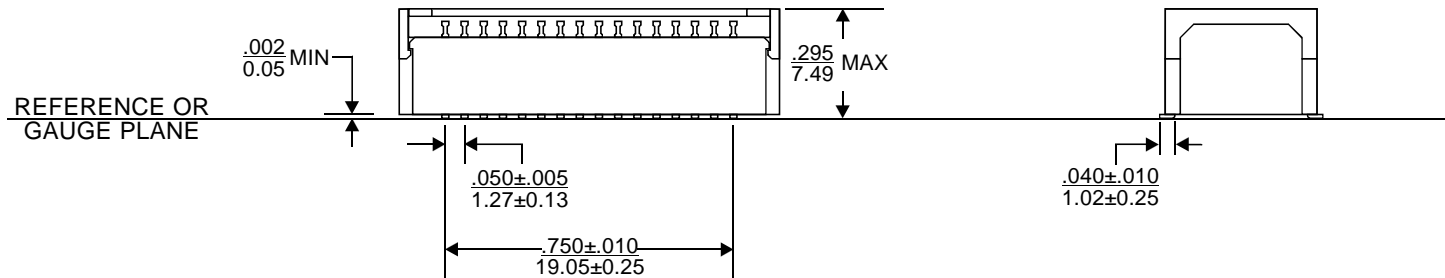
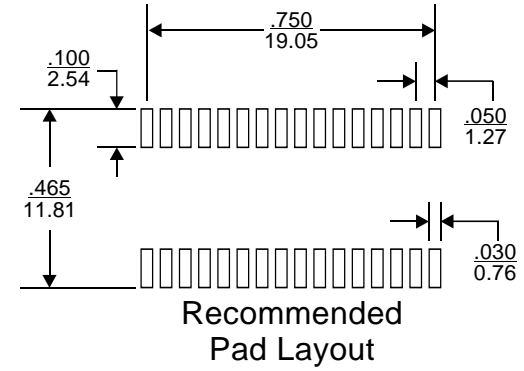
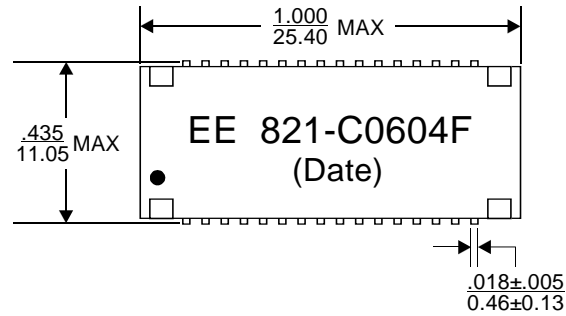
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.

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 Y.L. YUNG	11/30/15
PROJ. ENG Y.L. YUNG	11/30/15
APPROVED BY D. YUNG	11/30/15
Q.A. D. LUO	11/30/15

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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 $\pm \frac{.010}{.25}$.
3. Coplanarity: $\frac{.004}{0.10}$ max.
4. "(DATE)" includes at least the manufacturing date code (in YYWW format) plus two character country code.

MECHANICAL OUTLINE



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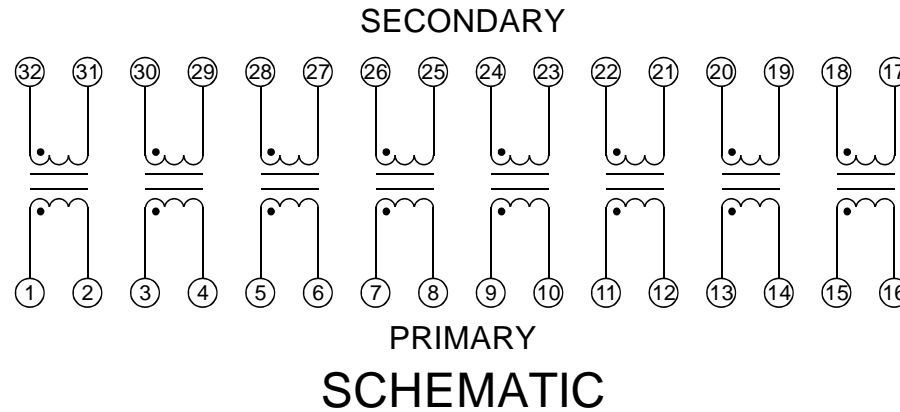
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ELECTRICAL SPECIFICATION @25°C:

PARAMETERS	UNIT	Limits
Turns Ratio(Pri):(Sec)	-	1 : 2 ± 2%
Polarity(Pri):(Sec)	-	Per Schematic
Ls(Pri)@100kHz, 0.1Vrms	uH	19 Min
LL(Pri), short Sec@100kHz, 1.0Vrms	uH	0.15 Max
Cww(Pri):(Sec)@100kHz, 1.0Vrms	pF	10 Max
Isolation/HIPOT(Pri):(Sec)	Vrms	1500 Min

5. Operating temperature range: 0°C to +70°C.
6. The part is designed to meet UL 60950-1 basic insulation.



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