

REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE	N/A	01/29/16

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

PAGE 4 IS FOR INTERNAL ONLY

PART NUMBER	PART DESCRIPTION
821-02095F	RoHS compliant per EU Directive 2011/65/EU

TITLE
TRANSFORMER, SINGLE, SMD, 6 PIN, EXT TEMP


WARNING !
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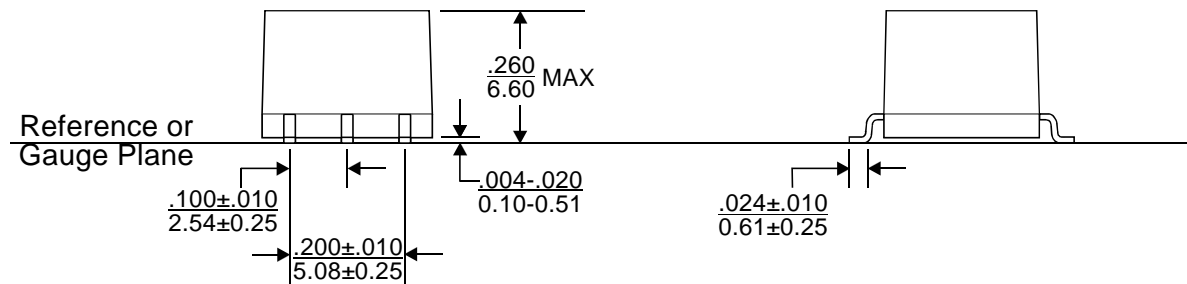
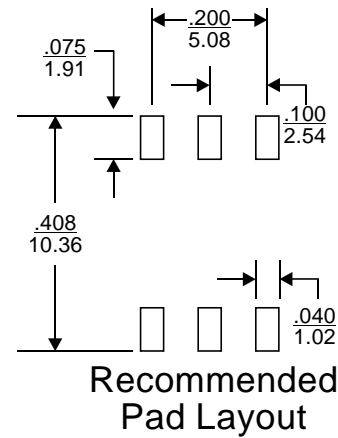
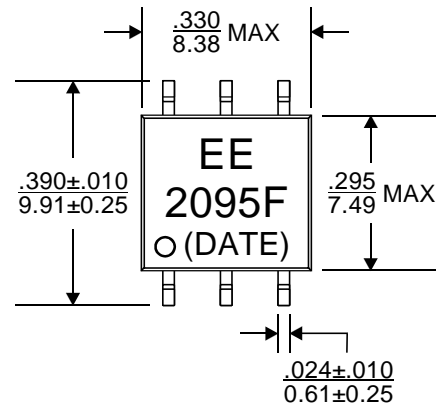
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.

TOLERANCE ARE:

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

APPROVALS	DATE
DRAWN BY Y.L. YUNG	01/29/16
PROJ. ENG Y.L. YUNG	01/29/16
APPROVED BY D. YUNG	01/29/16
Q.A. D. LUO	01/29/16

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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 $\pm \frac{.010}{0.25}$.
3. Coplanarity: $\frac{.004}{0.10}$ max.
4. "(DATE)" includes at least the manufacturing date code (in YYWW format) plus two character country code.

MECHANICAL OUTLINE



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821-02095F

REV

01

SCALE

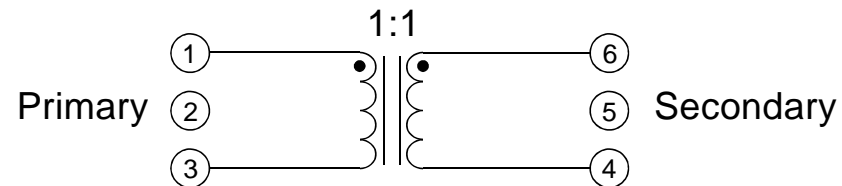
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SCHEMATIC

ELECTRICAL SPECIFICATION @25°C:

PARAMETERS	UNIT	LIMITS
Turns Ratio(Primary):(Secondary)	-	1 : 1 ± 2%
Polarity	-	Per Schematic
Inductance, Ls(Primary) @100KHz, 0.1Vrms	uH	80 Min
Inductance, Lp(Primary) @1.7MHz, 0.17Vrms	uH	60 Min
Inductance, Ls(Primary) @100KHz, 0.1Vrms, -40°C	uH	40 Min
LL(Primary), short Secondary @1MHz, 0.1Vrms	uH	0.09 Max
Cww(Primary):(Secondary) @1MHz, 0.1Vrms	pF	10 Max
DCR(Primary)	Ω	0.25 Max
DCR(Secondary)	Ω	0.25 Max
HIPOT(Primary):(Secondary)	Vrms	1500 Min

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

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