

REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE	N/A	11/05/15

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
821-02091F	RoHS compliant per EU Directive 2011/65/EU

TITLE
TRANSFORMER, WIDEBAND, SMD, 6 PIN, EXT. TEMP.


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.

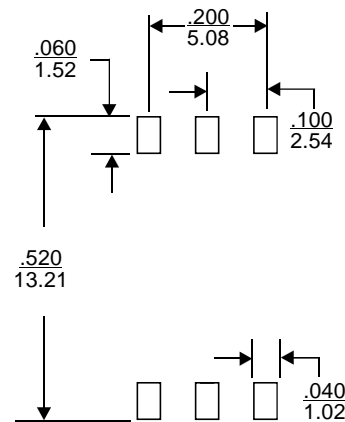
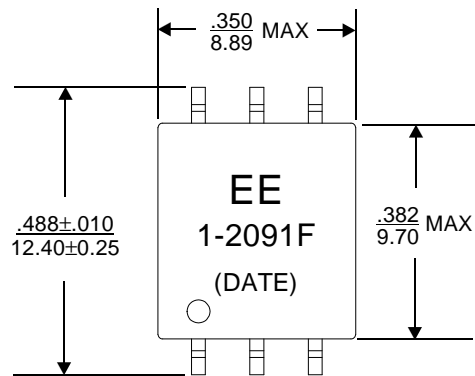
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.

TOLERANCE ARE:

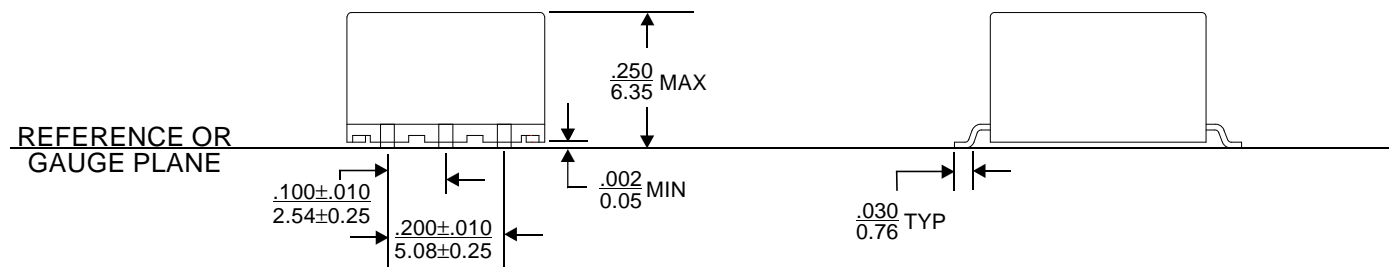
INCH	mm	ANGLE
.XXX ± .005	.XX ± .13	X.X ± 0.3
.XX ± .02	.X ± .5	X. ± 1

APPROVALS	DATE
DRAWN BY Y.L. YUNG	11/05/15
PROJ. ENG Y.L. YUNG	11/05/15
APPROVED BY D. YUNG	11/05/15
Q.A. D. LUO	11/05/15

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Recommended Pad Layout



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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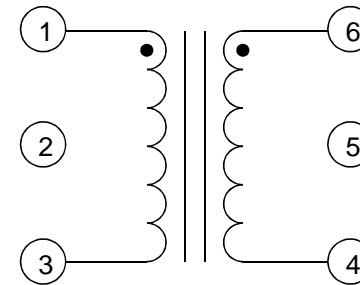
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SCHEMATIC

ELECTRICAL SPECIFICATION @25°C:

PARAMETERS	UNIT	LIMITS
Impedance Ratio(1-3):(6-4)	-	1 : 1 ± 2%
Polarity(1-3):(6-4)	-	Per Schematic
Ls(1-3) @ 100KHz, 0.1Vrms	uH	780 Min
Ls(6-4) @ 100KHz, 0.1Vrms	uH	780 Min
DCR(1-3)	Ω	0.32 Max
DCR(6-4)	Ω	0.32 Max
6 3dB Bandwidth	MHz	0.005-100 Typ
Hipot(1-3):(6-4)	Vrms	500 Min

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

6. The parameter is measured with characteristic impedance of 50Ω.

7. 250mW max. RF power and 250mA max. current rating



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