


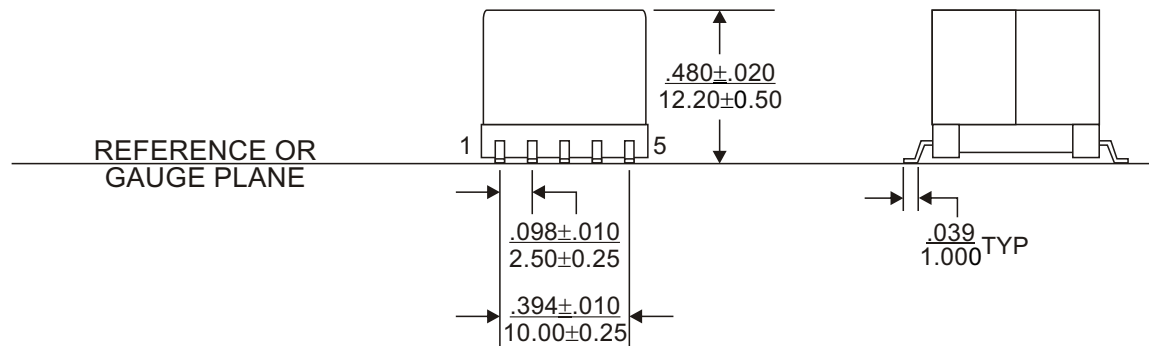
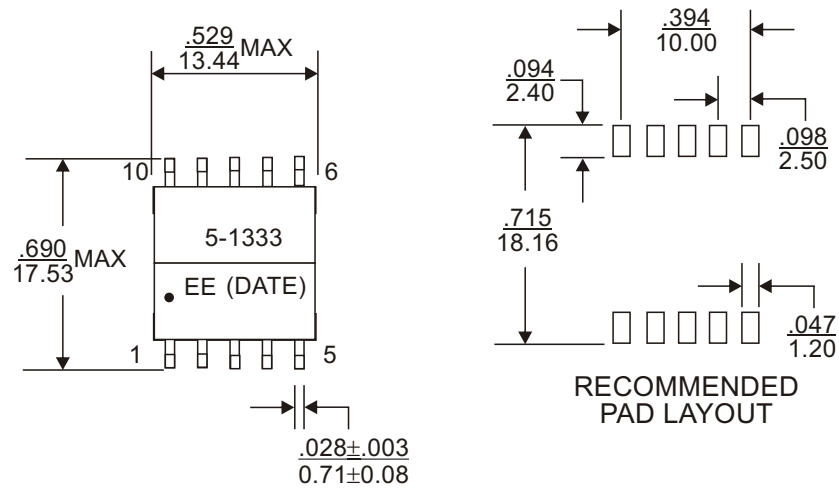
REVISIONS

REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE FOR RFQ#A2014-13752	N/A	02/09/15

When ordering, please add suffix "T" to the part number for tape & reel packaging(13" reel).

PAGE 5 IS FOR INTERNAL USE

PART NUMBER		PART DESCRIPTION		TITLE										
835-01333F		RoHS compliant per EU Directive 2011/65/EU		PXFM, EP13, 15uH, SMD, 10PIN										
<p align="center"><u>WARNING !</u></p> <p>ALL SHEETS OF THIS DOCUMENT ARE CONTROLLED DOCUMENTATION AND ARE NOT TO BE RELEASED OUTSIDE OF E&E OR ITS SUB-CONTRACTORS WITHOUT AUTHORIZATION.</p>	<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.</p> <p align="center"><u>TOLERANCE ARE:</u></p> <table border="0"> <tr> <td><u>INCH</u></td> <td><u>mm</u></td> <td><u>ANGLE</u></td> </tr> <tr> <td>.XXX ± .005</td> <td>.XX ± .13</td> <td>X.X ± 0.3</td> </tr> <tr> <td>.XX ± .02</td> <td>.X ± .5</td> <td>X. ± 1</td> </tr> </table>	<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>	.XXX ± .005	.XX ± .13	X.X ± 0.3	.XX ± .02	.X ± .5	X. ± 1	APPROVALS	DATE	 E & E Magnetic Products Ltd.	
		<u>INCH</u>	<u>mm</u>	<u>ANGLE</u>										
		.XXX ± .005	.XX ± .13	X.X ± 0.3										
		.XX ± .02	.X ± .5	X. ± 1										
		DRAWN BY												
T.LIU	02/09/15	DRAWING NO./MODEL		REV										
PROJ. ENG														
S. HONG	02/09/15	835-01333F		01										
APPROVED BY														
J. YANG	02/09/15	SCALE		PAGE 1 OF 5										
Q.A.														
D. LUO	02/09/15	DO NOT SCALE												



MECHANICAL OUTLINE

1. Dimension are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in mm.
2. Unless otherwise specified, all tolerance 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 manufacturing side code.



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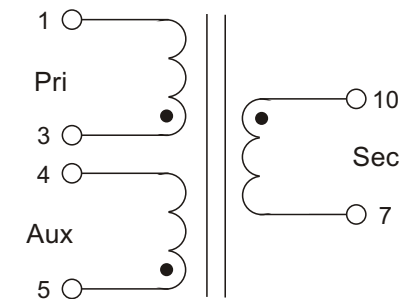
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ELECTRICAL SPECIFICATION @25°C:

PARAMETERS	UNIT	LIMITS
Turns Ratio(3 - 1) : (5 - 4) : (10 - 7)	-	1.875 : 1 : 2.25 ± 2%
Polarity	-	Per Schematic
Inductance, Ls(3 - 1)@100kHz, 0.1Vrms	uH	15 ± 10%
LL(3 - 1), short 4 - 5 - 7 - 10@100kHz, 0.1Vrms	uH	0.60 Typ
CWW(1,3,4,5 - 7,10) @100kHz, 0.1Vrms	pF	50 Max
DCR(3 - 1)	mΩ	45 Max
DCR(5 - 4)	mΩ	90 Max
DCR(10 - 7)	mΩ	70 Max
HIPOT(1- 3 - 4 - 5) : (10 - 7), 2 seconds	Vrms	2000



SCHEMATIC

- Operating temperature range: -40°C to +125°C. 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.
- Design is compliant with functional insulation.



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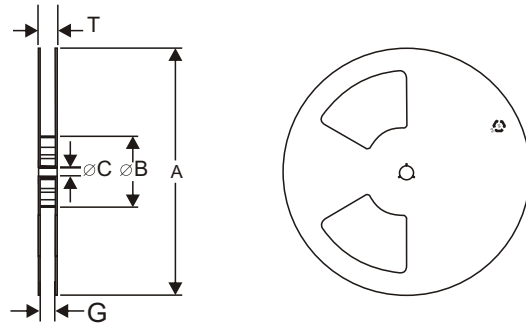
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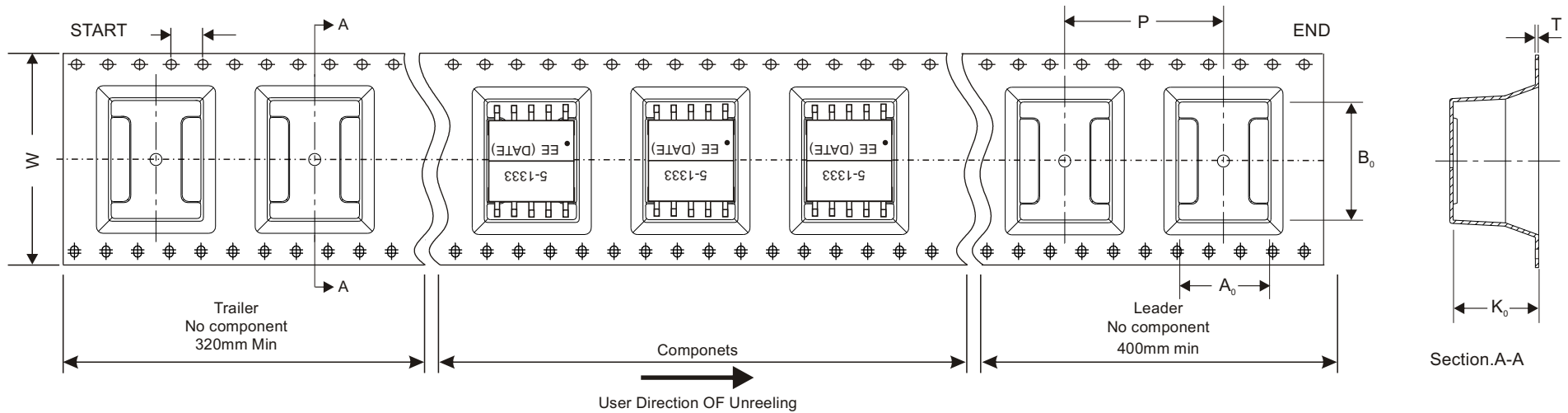
PACKAGING INFORMATION

(1) CONFIGURATION:(mm)



SYMBOL	A	B	C	G	T
DIM	330	100	13	12.4	18.4

(2) TAPE DIMENSIONS:(mm)



SYMBOL	A ₀	B ₀	K ₀	W	P	P ₀	T
DIM	13.60 TYP	17.80 TYP	12.90 TYP	32.0 ^{+0.30} -0.00	20.00 ± 0.10	4.00 ± 0.10	0.50 TYP



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