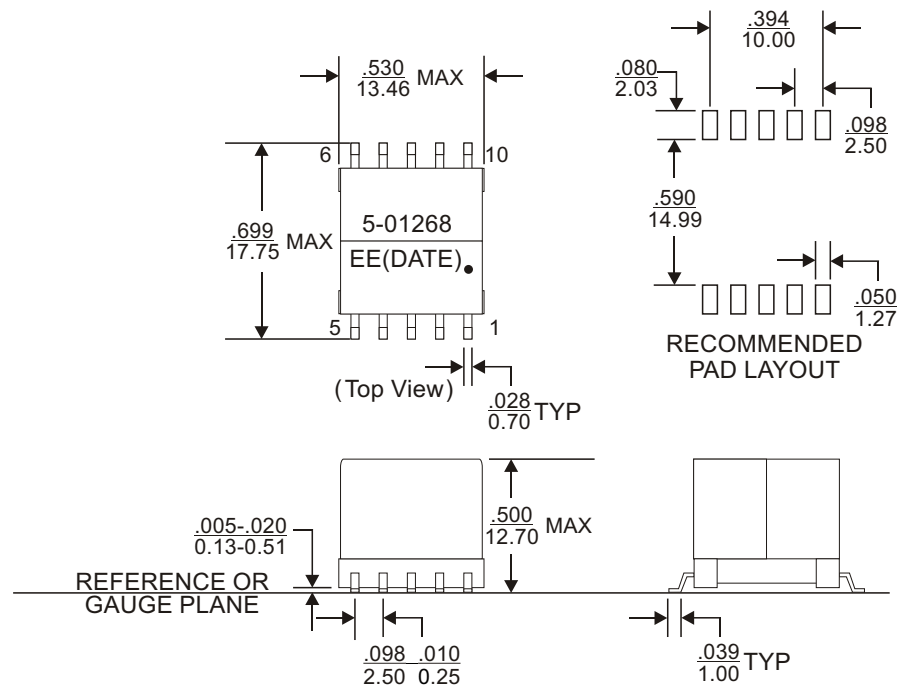


REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE FOR NEW CUSTOMER	N/A	06/27/13

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										
835-01268F		RoHS compliant per EU Directive 2011/65/EU		PXFM, FLYBACK, EP13, 20W, 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 .XX .13 X.X 0.3</td> <td></td> <td></td> </tr> <tr> <td>.XX .02 .X .5 X. 1</td> <td></td> <td></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												
PROJ. ENG	F.W. NIE	06/27/13		DRAWING NO./MODEL										
APPROVED BY	S.HONG	06/27/13												
Q.A.	J. YANG	06/27/13		835-01268F	REV									
	S.W. HUANG	06/27/13			01									
SCALE		PAGE	OF											
DO NOT SCALE		1	5											



1. Dimension are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in mm.
2. Unless otherwise specified, all tolerance are $\frac{.010}{0.25}$.
3. Coplanarity: $\frac{.005}{0.13}$ max.
4. "(DATE)" includes at least the manufacturing date code(in YYWW format) plus two manufacturing site code.
5. Outer tape rated 155 C.

MECHANICAL OUTLINE

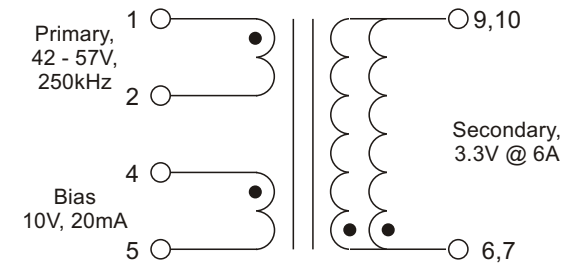


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835-01268F		01
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ELECTRICAL SPECIFICATION @25 C:

PARAMETERS	UNIT	LIMITS
Turns Ratio(1-2):(4-5)	-	1 : 0.50 2%
Turns Ratio(1-2):(6,7-9,10)	-	1 : 0.156 2%
Polarity	-	Per Schematic
Inductance, Ls(1-2)@250kHz, 0.2Vrms, 0A _{dc}	uH	100 10%
Inductance, Ls(1-2)@250kHz, 0.2Vrms, 1.3A _{dc}	uH	90 Min
Leakage Inductance, LL(1-2), with (6,7,8,9,10) shorted @250kHz, 0.2Vrms	uH	1.60 Max
DCR(1-2)		0.211 Max
DCR(4-5)		0.404 Max
DCR(6,7-9,10)		0.006 Max
HIPOT(1-2-4-5):(6-7-9-10), 1 minute	VAC	1500



SCHEMATIC

6. Operating temperature range: -40°C to +85°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.
7. Peak primary current: 1.3A.
8. Design is compliant with functional insulation.

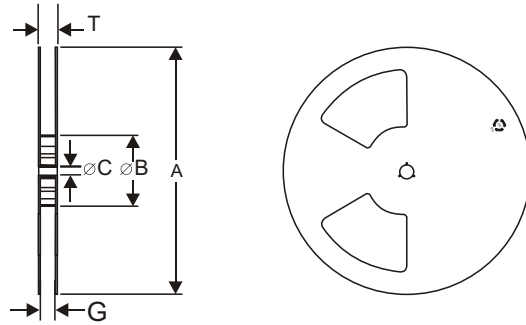


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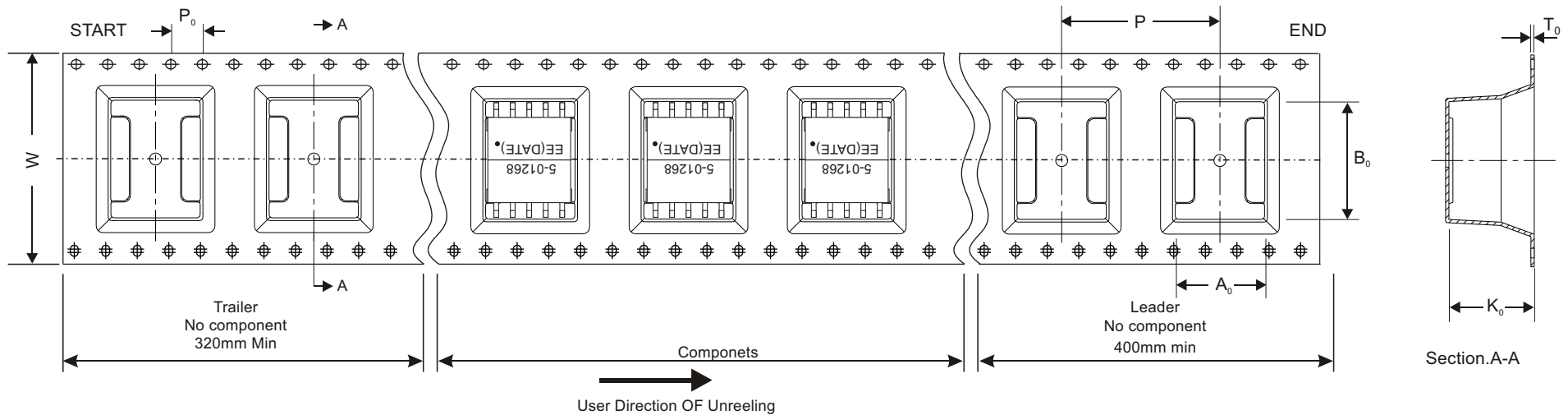
PACKAGING INFORMATION

(1) CONFIGURATION:(mm)



SYMBOL	A	B	C	G	T
DIM	330	100	13	32.4	37.2

(2) TAPE DIMENSIONS:(mm)



SYMBOL	A ₀	B ₀	K ₀	W	P	P ₀	T ₀
DIM	13.60 ± 0.10	17.80 ± 0.10	12.90 ± 0.10	32.0 ^{+0.30} _{-0.00}	20.00 ± 0.10	4.00 ± 0.10	0.50 ± 0.05



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