

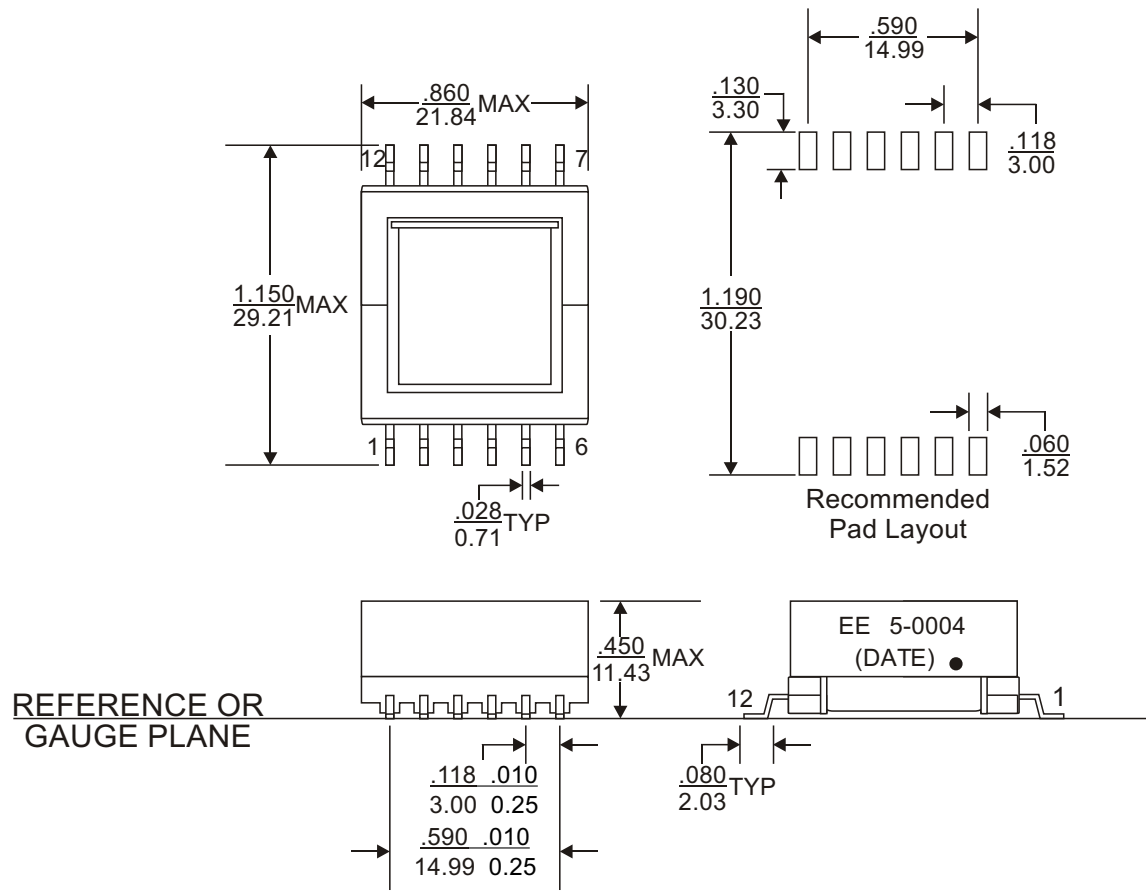
REVISIONS			
REV.	DESCRIPTION	ECN NO.	DATE
01	FIRST RELEASE FOR RFQ#A2013-13194	N/A	09/24/13
02	UPDATE DCR SPEC PER REAL TEST VALUE	EE15186	10/24/13
03	CHANGE HIPOT SPEC FROM 1900VRMS TO 3500VDC	EE15264	11/20/13

PAGE 5 IS FOR INTERNAL ONLY

PART NUMBER		PART DESCRIPTION		TITLE			
A35-00004F		RoHS compliant per EU Directive 2011/65/EU		PXF, PUSH-PULL, EFD20, 2W, SMT, 12 PIN			
<p style="text-align: center;">WARNING !</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>		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCH/mm.		E & E Magnetic Products Ltd.			
		APPROVALS		DATE			
		DRAWN BY		FW. NIE		11/20/13	
		PROJ. ENG		S.HONG		11/20/13	
		APPROVED BY		J.YANG		11/20/13	
		Q.A.		D.LUO			
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				SCALE			
				DO NOT SCALE			
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TOLERANCE ARE:

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



MECHANICAL OUTLINE

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



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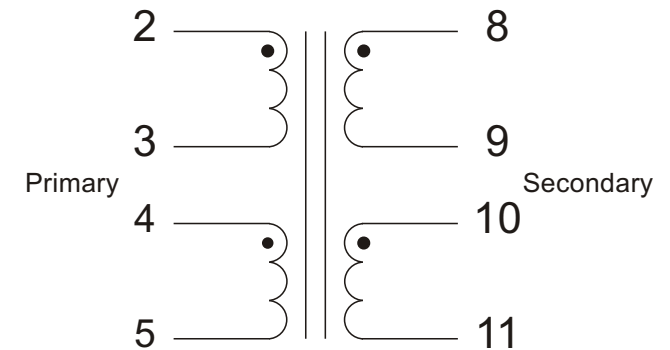
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ELECTRICAL SPECIFICATION @25 C:

PARAMETERS	UNIT	LIMITS
Turns Ratio(2-3):(4-5):(8-9):(10-11)	-	5: 5: 17: 17 2%
Polarity	-	Per Schematic
Ls(2-3)@100kHz, 0.1Vrms	uH	25 Min
DCR(2-3)	m	40 Max
DCR(4-5)	m	40 Max
DCR(8-9)	m	510 Max
DCR(10-11)	m	540 Max
HIPOT(2,3,4,5):(8,9,10,11), 2 seconds	VDC	3500



SCHEMATIC

- Operating temperature: -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, PCB 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 basic insulation (Creepage distance=4.0mm).
- Input voltage: 5.0V. Input current: 400mA. Output voltage: 15.0V. Output current: 133mA, Switching Frequency: =200kHz. Output power: 2W. Topology: Push-pull.

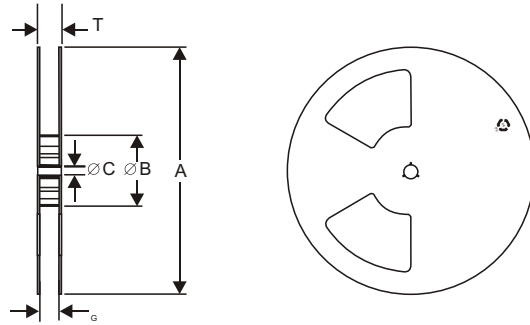


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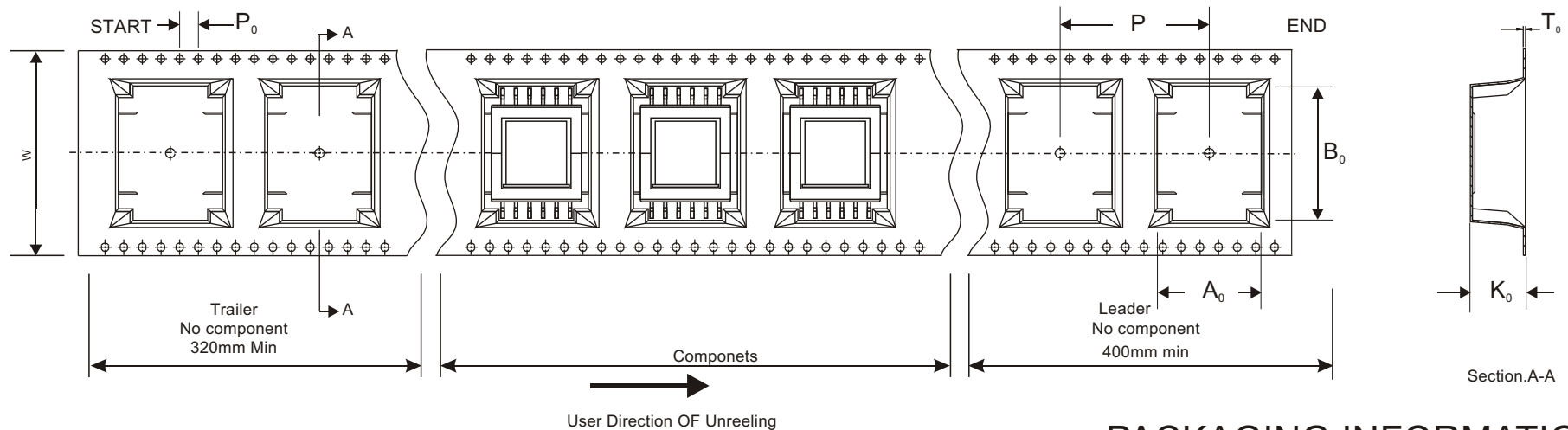
PACKAGING INFORMATION

(1) CONFIGURATION:(mm)



SYMBOL	A	B	C	G	T
DIM	330	100	13	44.5	49.1

(2) TAPE DIMENSIONS:(mm)



SYMBOL	A ₀	B ₀	K ₀	W	P	P ₀	T ₀
DIM	21.90 \square 0.10	29.50 \square 0.10	11.30 \square 0.10	44.0 \square +0.30 -0.00	32.00 \square 0.10	4.00 \square 0.10	0.40 \square 0.05

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