

BOURNS (DONGGUAN) ELECTRONICS CO., LTD**SPECIFICATION FOR APPROVAL**

CUSTOMER: TI

AGENCY: -----

CUSTOMER P/N: ----- CUSTOMER REV.: -----

BOURNS P/N.: ----- BOURNS REV.: 01

PRODUCT NAME: FLYBACK TRANSFORMER PROJECT No.: MAG-3001498

DESCRIPTION: TRANSFORMER

FILE No.: BD3RD-R3219 RELEASED DATE: 5-Dec-2023

POSITION	SIGNATURE	DATE
DE	Zed Wang	5-Dec-2023
ME	Yunyang Huang	5-Dec-2023
CHECKED	Alex Deng	5-Dec-2023
APPROVED	Xianming Tan	5-Dec-2023
BOURNS CACHET		

SIGNATURE	
NAME	
POSITION	
DATE	
CUSTOMER CACHET	





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Telephone: +86(769)8632-7771 Fax: +86(769)8632-7773

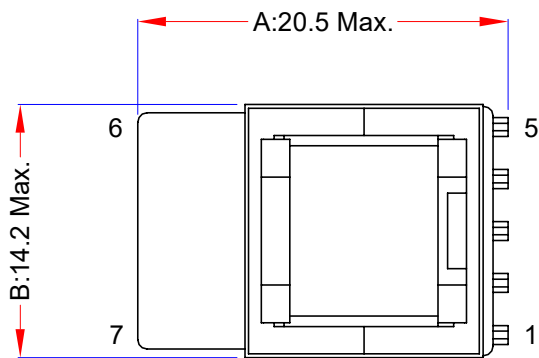
AMENDMENT RECORD

Rev.	Reason For Change	Details	Approved by	Approved Date
01	The First Submittal	---	Xianming Tan	5-Dec-2023

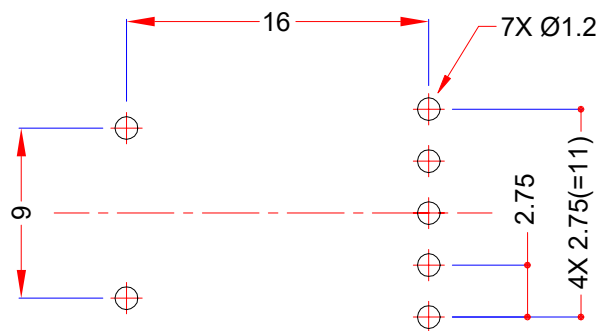
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 BOURNS (DONGGUAN) ELECTRONICS CO., LTD			PRODUCT NAME: FLYBACK TRANSFORMER		 	
TOLERANCE (UNLESS OTHERWISE SPECIFIED)		SCALE: NTS.	PROJECT NO.: MAG-3001498	CUSTOMER: TI		REV.: ----
0<L<5:±0.1 5<L<16:±0.3 16<L<50:±0.5	ANGLE: ±1°		PAGE NO.: 1 OF 5	CUSTOMER P/N: -----		
			BOURNS P/N: -----			

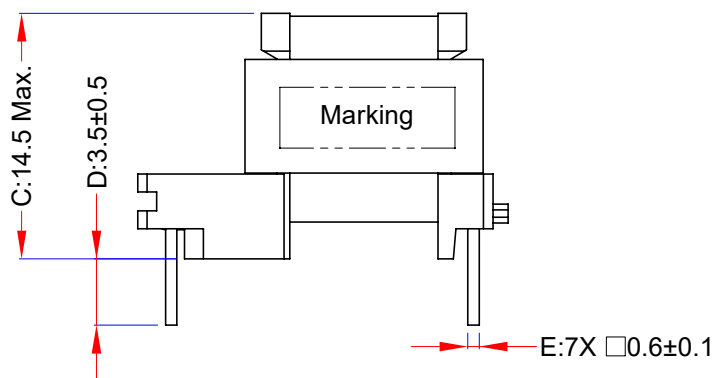
1. DIMENSIONS (mm):



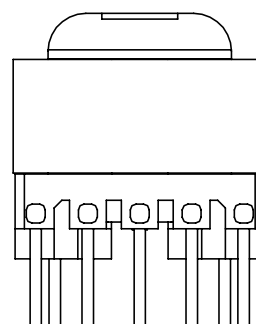
TOP VIEW



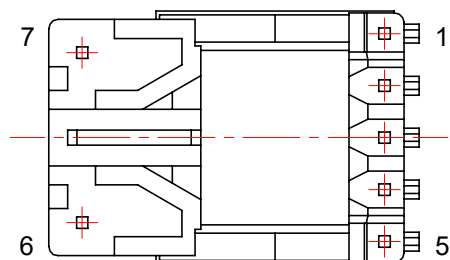
RECOMMENDED PCB LAYOUT (TOP VIEW)



FRONT VIEW



RIGHT VIEW



BOTTOM VIEW

REMARKS

MARKING

BOURNS
BXXXXXXXXX
YYWW X R

BXXXXXXXXX --- Part number
YY --- Year
WW --- Week
X --- Day

Day	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.
Code	A	B	C	D	E	F	G

R --- Revision

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BOURNS®

BOURNS (DONGGUAN) ELECTRONICS CO., LTD

PRODUCT NAME:

FLYBACK TRANSFORMER

RoHS
COMPLIANT



CUSTOMER:

TI

CUSTOMER P/N:

REV.: -----

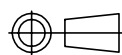
BOURNS P/N:

REV.: 01

TOLERANCE
(UNLESS OTHERWISE SPECIFIED)

0<L<5:±0.1
5<L<16:±0.3
16<L<50:±0.5

ANGLE:
±1°



SCALE:
NTS.

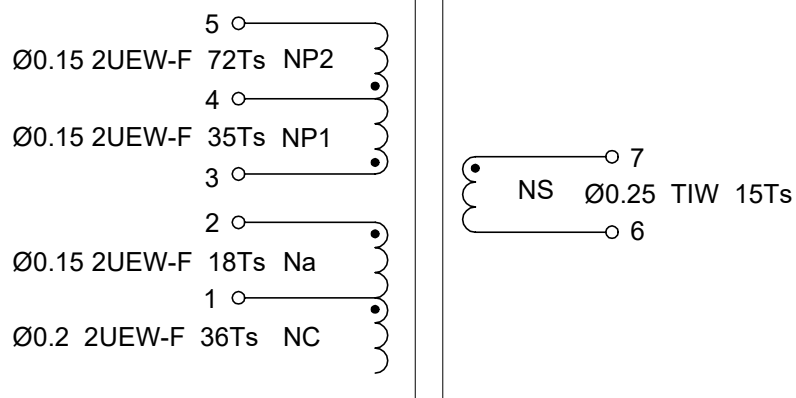
PROJECT NO.:

MAG-3001498

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2. SCHEMATIC:



● Means the same polarity

3. ELECTRICAL CHARACTERISTIC: At 25 °C

NO.	ITEM	TERMINAL	ELECTRICAL CHARACTERISTICS	TOL	TEST METERS/ CONDITION	REMARKS
1	INDUCTANCE	3-5	1.8mH	±10%	WK-3260B/100kHz, 1V	
2	DC RESISTANCE	3-5	TBD	Max	CH-502AC	
		7-6	TBD			
		2-1	TBD			
3	URNS RATIO	Np1:Np2 :Na:Ns	72:35:18:15	±5%	WK-3260B/20kHz, 1V	
4	HI-POT	Np1,Np2 TO Core	500Vac, 1sec	No Breakdown	CH-19053/50Hz,5mA Max.	
		Np1,Np2 TO Ns	3500Vac, 1sec			

4. NOTES:

- 4.1 Operation Temperature: -40°C to +125°C (Including temperature rise)
- 4.2 Storage Temperature for part in packaging: -40°C to +85°C
- 4.3 The dimension determined from the terminal pins is derived from the pin material alone. It does not include, or factor in, solder deposits or icicles from the manufacturing processes.
- 4.4 Appearance inspection reference to general cosmetics standard (Prototype and engineering samples are not included)

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BOURNS® BOURNS (DONGGUAN) ELECTRONICS CO., LTD			PRODUCT NAME: FLYBACK TRANSFORMER		
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0<L<5:±0.1 5<L<16:±0.3 16<L<50:±0.5	ANGLE: ±1°		CUSTOMER P/N: -----		REV.: -----
PAGE NO.: 3 OF 5			BOURNS P/N: -----		REV.: 01



Industrial, Consumer

Prototype Product / Sample Disclaimer and Limitation of Liability

Bourns® part number: -----

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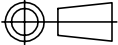
Prototype or sample could be a product manufactured *prior to* completion of the Start of Production and execution of the Approval notice. It is important for you to understand that these prototypes or samples are not intended for resale or for any purpose other than testing and qualification. A prototype or sample that has been used for destructive qualification tests may not be used any further except for engineering analysis.

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			BOURNS P/N: -----		REV.: 01

DEVIATIONS

ITEM	Description	Customer Specified	Our Change	Reason	Approval

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TOLERANCE (UNLESS OTHERWISE SPECIFIED)		SCALE: <div>NTS.</div>	PROJECT NO.: <div>MAG-3001498</div>	CUSTOMER: <div>TI</div>	
0<L<5:±0.1 5<L<16:±0.3 16<L<50:±0.5	ANGLE: <div>±1°</div> <div></div>	<div>PAGE NO.:<div>5 OF 5</div></div>	CUSTOMER P/N: <div>-----</div>		REV.: <div>-----</div>
			BOURNS P/N: <div>-----</div>		REV.: <div>01</div>