

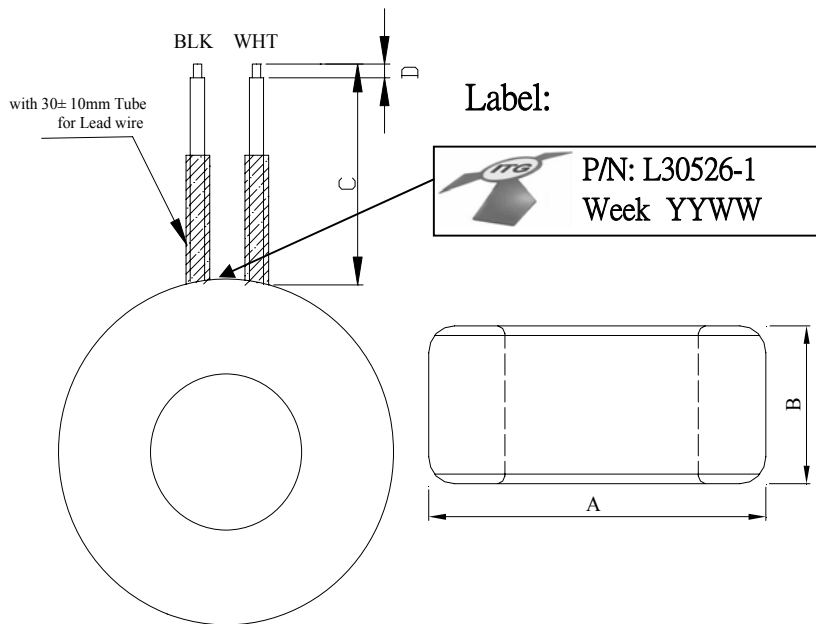


SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	1.0
DESCRIPTION	Inductor , 2.4mH , 30A , 15mΩ DCR	PAGE NO	1 of 4
PART NO	L30526-1	DATE	2011.3.25

1.CONFIGURATIONS & DIMENSIONS:



A	160	(Max.)	mm
B	91	(Max.)	mm
C	200	± 10	mm
D	8.0	(Ref.)	mm
E			mm
F			mm
G			mm

Note: Accessories

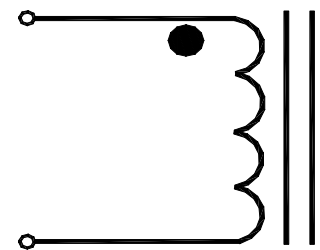
- 1.METAL PLATE: 90mm ×4holes ×1 PCS
- 2.Rubber Washer:100mm × 35mm × 1PCS
- 3.RUBBER POLE YOKE:130mm×57mm×1PCS
- 4.Screw and Nut: M8 ×90mm × 1SET
- 5.Leade wire:UL1015 AWG10

2.ELECTRICAL CHARACTERISTICS:

TEST	CONDITION				
10KHz 0.25V	L	2.38	mH	±	10%
Ta=25°C	DCR	18.00	mΩ		(Max.)
10KHz 0.25V Isat=30A	L@Isat	1.55	mH		(Typical)

Note :Isat:Inductance drops about 30%

3.SCHEMATIC DIAGRAM



Note:

4.TEST INSTRUMENTS

L: WK3260B
DCR:GAIN KAI TA502BCOHM
L@Isat :WK3260B and WK3265B.

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Andrew.Zhu	David.Wang	David.Wang



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5.TEST DATA FOR MECHANICAL

TEST ITEM	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	J mm
SPEC	160 (Max)	91 (Max)	200 ± 10	8.0 (Ref.)						
1	155.5	87.5	199.6	7.8						
2										
3										
4										
5										
6										
7										
8										
9										
10										
AVERAGE	155.50	87.50	199.60	7.80						

REMARK:

APPROVED BY Andrew.Zhu	CHECKED BY David.Wang	DRAWN BY David.Wang
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SPECIFICATION FOR APPROVAL



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6.TEST DATA FOR ELECTRICAL

TEST ITEM	L mH	DCR mΩ	L@Isat mH						
CONDITION	10KHz 0.25V	Ta=25℃	10KHz 0.25V Isat=30A						
SPEC	2.38 ± 10%	18.00 (Max.)	1.55 (Typical)						
1	2.48	14.82	1.64						
2									
3									
4									
5									
6									
7									
8									
9									
10									
AVERAGE	2.4800	14.820	1.6390						

REMARK:

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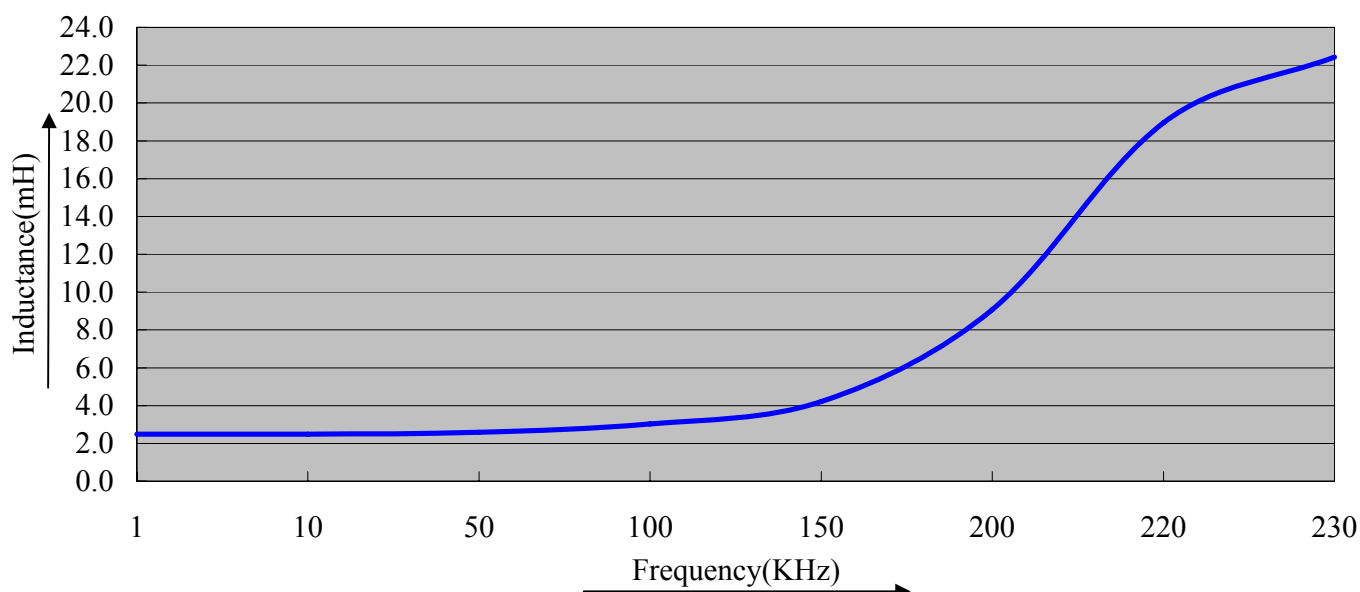
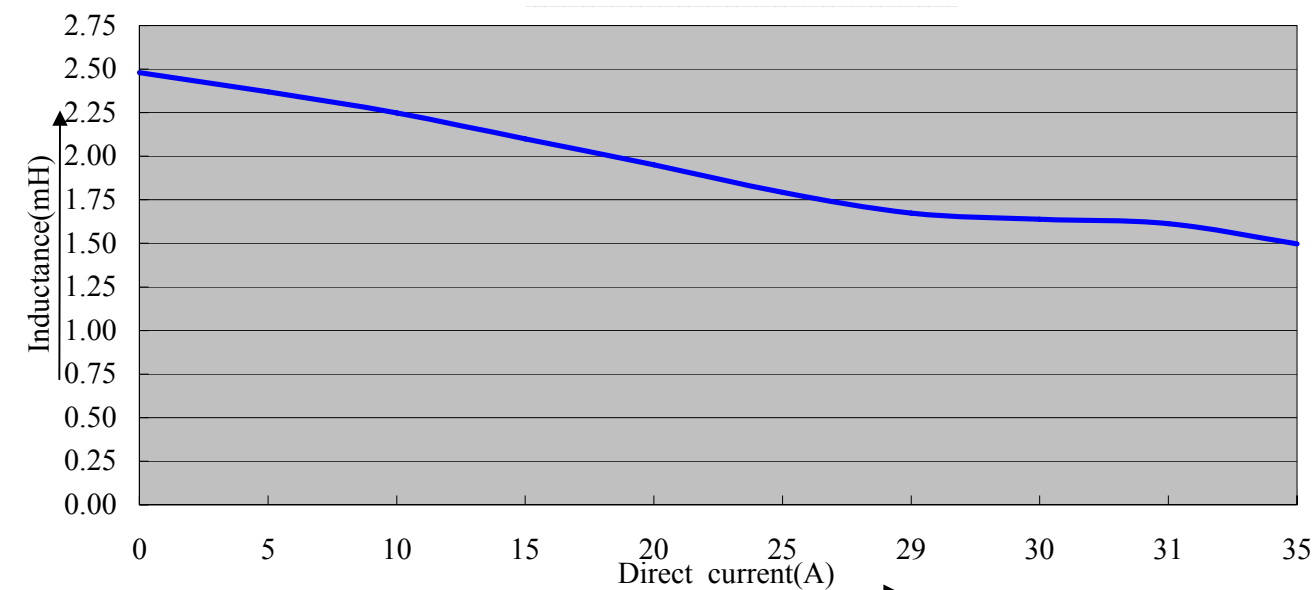
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7.ELECTRIC CHARACTERISTICS.

DC BIAS < 10KHz 0.25V >



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