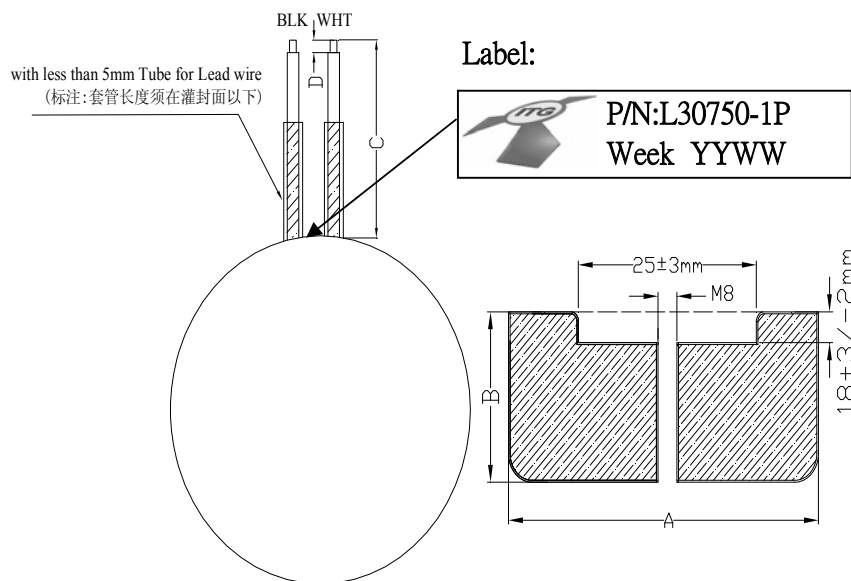


CUSTOMER	*	REV NO	1.0
DESCRIPTION	Inductor , 1.0mH , 30.0A , 20mΩ DCR	PAGE NO	1 of 4
PART NO	L30750-1P	DATE	2011.12.27

1.CONFIGURATIONS & DIMENSIONS:



A	134.0	(Max.)	mm
B	78.0	(Max.)	mm
C	450.0	± 10	mm
D	8.0	(Ref.)	mm
E			mm
F			mm
G			mm

Note: Accessories

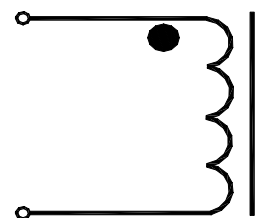
- 1.Screw and Nut: M8 ×70mm × 1SET
- 2.IRON CAN : 131mm × 75mm × 1PCS
- 3.Leade wire:UL1015 AWG10

2.ELECTRICAL CHARACTERISTICS:

TEST	CONDITION				
10KHz 0.25V	L	1.00	mH	±	10%
Ta=25°C	DCR	20.0	mΩ		(Max.)
10KHz 0.25V Isat=30A	L@Isat	0.77	mH		(Typical)

Note : Inductance drops approx. 20% with an temperature rise approx. 30°C

3.SCHEMATIC DIAGRAM



Note: 1.Wire UEW/PEW φ 1.05mm×14P 55 TS

4.TEST INSTRUMENTS

L: WK3260B

DCR:GAIN KAI TA502BCOHM

L@Isat :WK3260B and WK3265B.

APPROVED BY	CHECKED BY	DRAWN BY
Andrew.Zhu	David.Wang	David.Wang



SPECIFICATION FOR APPROVAL



CUSTOMER	*				REV NO	1.0				
DESCRIPTION	Inductor , 1.0mH , 30.0A , 20mΩ DCR				PAGE NO	2 of 4				
PART NO	L30750-1P				DATE	2011.12.27				
5.TEST DATA FOR MECHANICAL										
TEST ITEM	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I 0	J mm
SPEC	134 (Max)	78 (Max)	450 ± 10	8.0 (Ref.)						
1	132.3	74.6	448.5	7.6						
2	132.2	74.3	447.5	7.8						
3	131.9	74.4	447.7	7.5						
4										
5										
6										
7										
8										
9										
10										
AVERAGE	132.13	74.43	447.90	7.63						
REMARK:										
APPROVED BY Andrew.Zhu			CHECKED BY David.Wang			DRAWN BY David.Wang				



SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	1.0
DESCRIPTION	Inductor , 1.0mH , 30.0A , 20mΩ DCR	PAGE NO	3 of 4
PART NO	L30750-1P	DATE	2011.12.27

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	1.00 ± 10%	20.00 (MAX)	0.77 (Typical)						
1	0.956	16.40	0.739						
2	0.956	16.33	0.736						
3	0.952	16.40	0.736						
4									
5									
6									
7									
8									
9									
10									
AVERAGE	0.9545	16.3737	0.7370						

REMARK:

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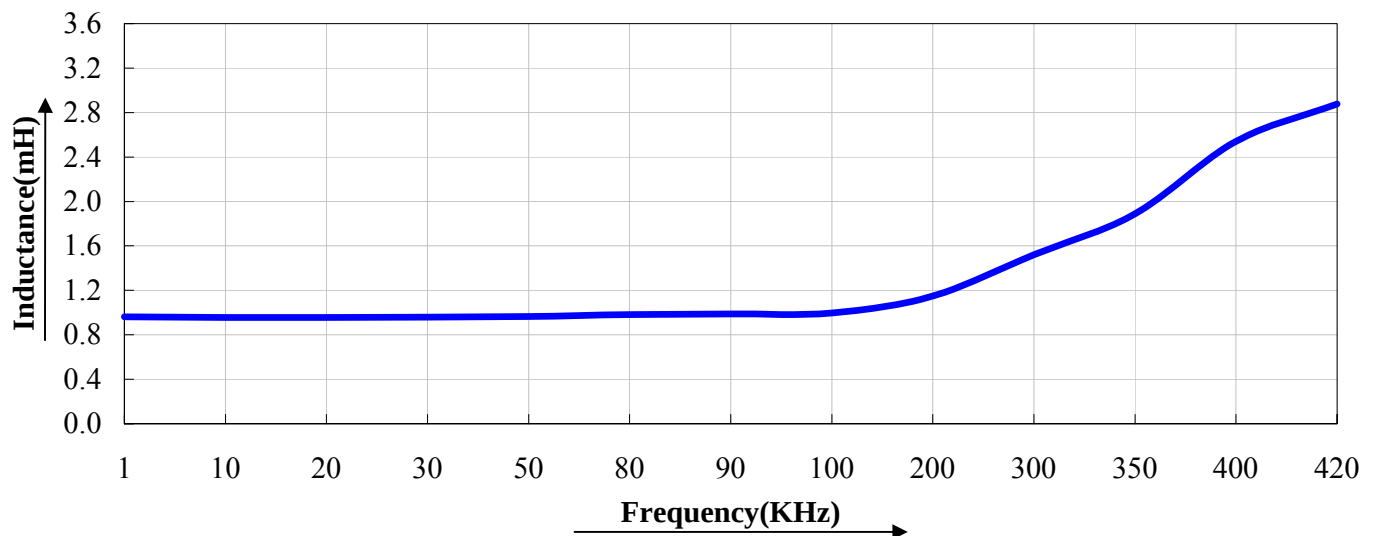
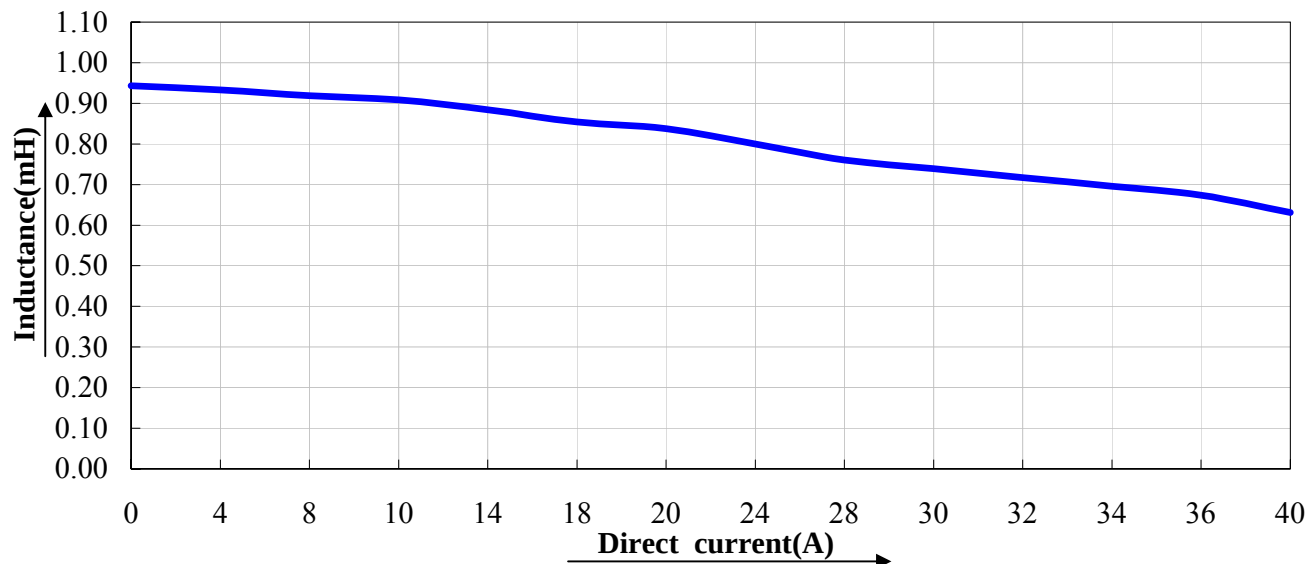
SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	1.0
DESCRIPTION	Inductor , 1.0mH , 30.0A , 20mΩ DCR	PAGE NO	4 of 4
PART NO	L30750-1P	DATE	2011.12.27

7.ELECTRIC CHARACTERISTICS.

DC BIAS < 10KHz 0.25V >



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