

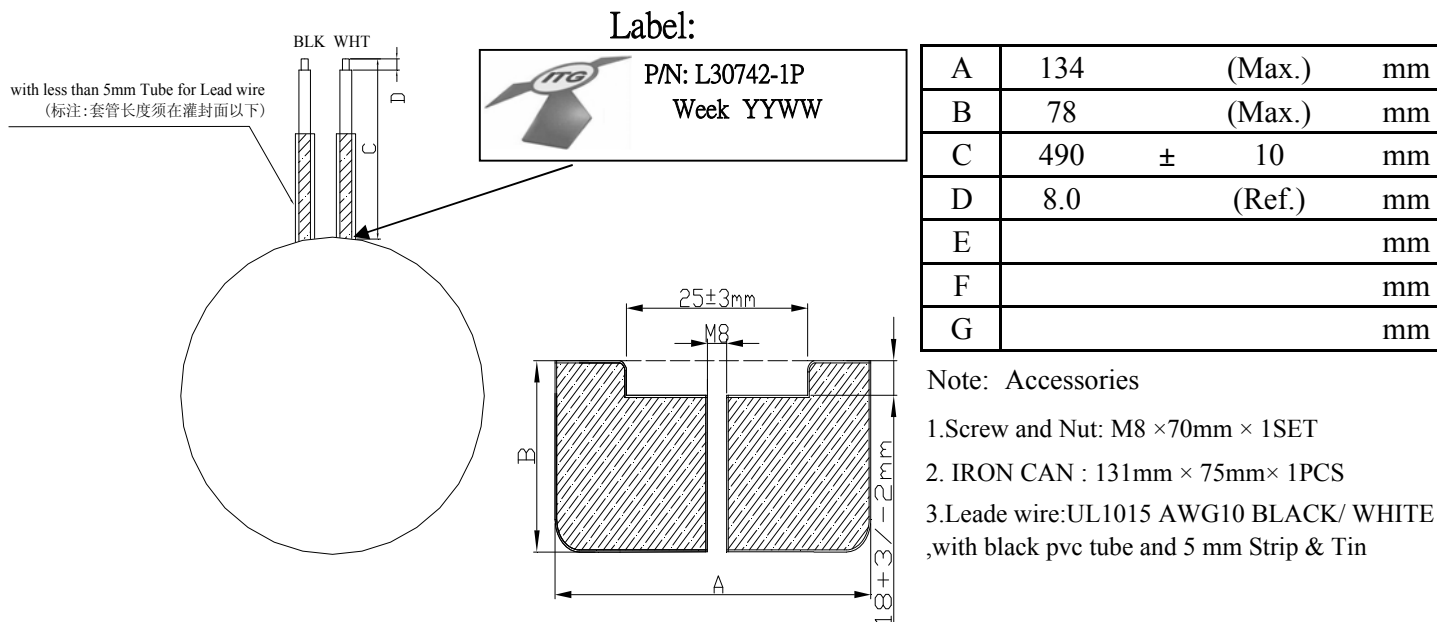


SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	1.0
DESCRIPTION	Inductor , 2.08mH , 22A , 42mΩ DCR	PAGE NO	1 of 4
PART NO	L30742-1P	DATE	2011.10.26

1.CONFIGURATIONS & DIMENSIONS:

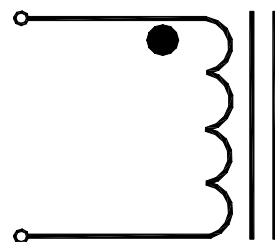


2.ELECTRICAL CHARACTERISTICS:

TEST CONDITION					
10KHz 0.25V	L	2.08	mH	±	10%
Ta=25°C	DCR	42.00	mΩ		(Max.)
10KHz 0.25V Isat=22A	L@Isat	1.55	mH		(Typical)

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

3.SCHEMATIC DIAGRAM



Note:

1.Wire UEW/PEW φ 0.9mm×12P 81 Ts (Ref.).

4.TEST INSTRUMENTS

L: WK3260B

DCR:GAIN KAI TA502BCOHM

L@Isat :WK3260B and WK3265B.

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Andrew.Zhu

CHECKED BY

David.Wang

DRAWN BY

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	134.0 (Max)	78.0 (Max)	490.0 ± 10	8.0 (Ref.)						
1	132.5	75.3	491.5	8.2						
2										
3										
4										
5										
6										
7										
8										
9										
10										
AVERAGE	132.500	75.300	491.500	8.200						

REMARK:

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6.TEST DATA FOR ELECTRICAL

TEST ITEM	L mH	DCR mH	L@Isat mH						
CONDITION	10KHz 0.25V	10KHz 0.25V	10KHz 0.25V Isat=22A						
SPEC	2.08 ± 10%	42.00 (Max.)	1.55 (Typical)						
1	2.073	34.220	1.54						
2									
3									
4									
5									
6									
7									
8									
9									
10									
AVERAGE	2.0728	34.2200	1.5416						

REMARK:

APPROVED BY Andrew.Zhu	CHECKED BY David.Wang	DRAWN BY David.Wang
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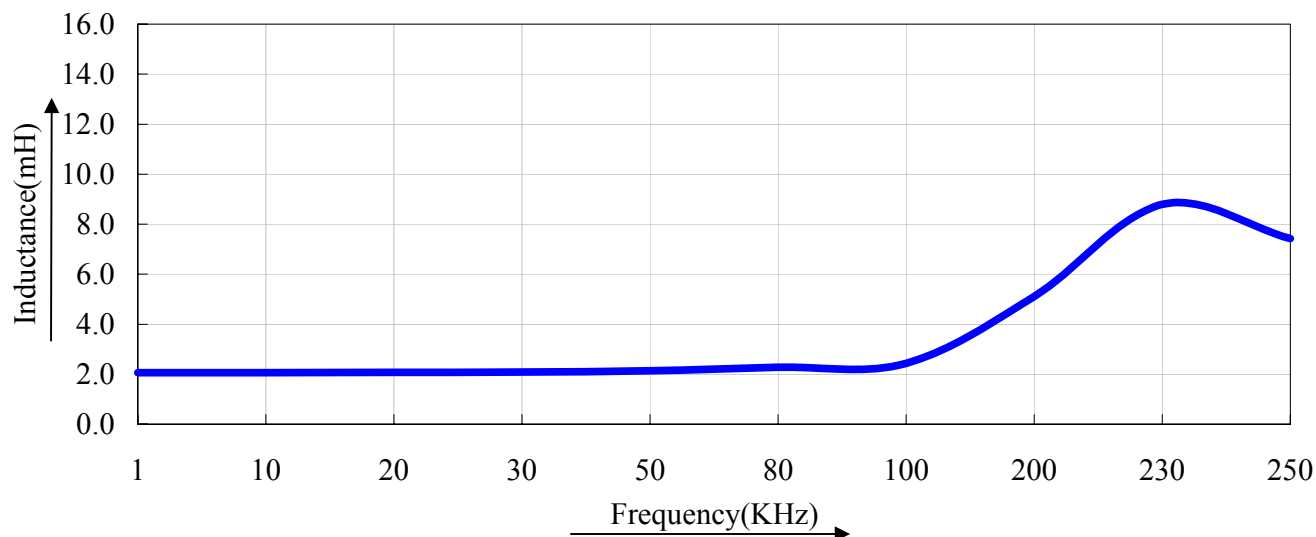
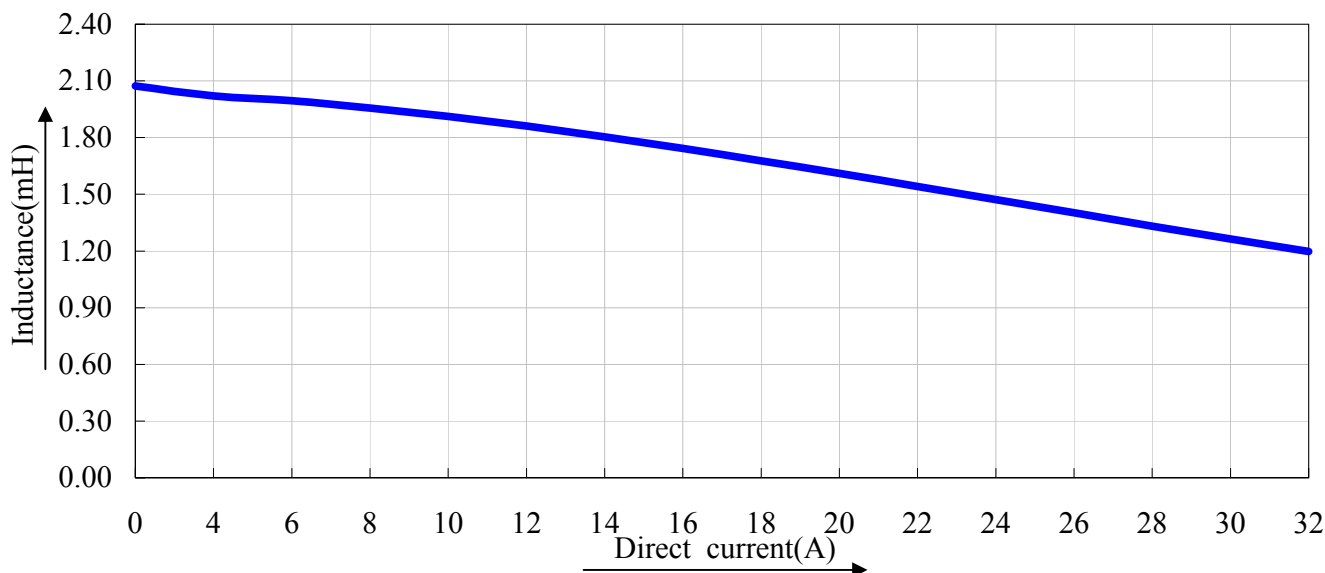
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7.ELECTRIC CHARACTERISTICS :

DC BIAS < 10KHz 0.25V >



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