

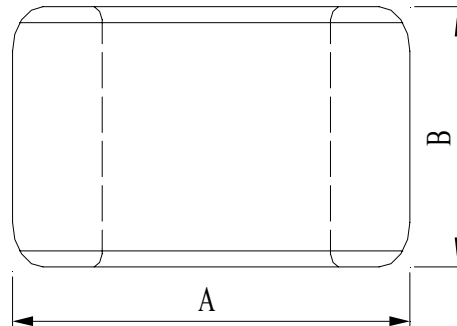
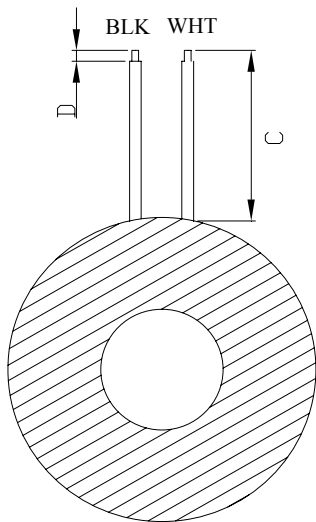


SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	2.0
DESCRIPTION	Inductor , 2.25mH , 45mΩ DCR	PAGE NO	1 of 4
PART NO	L30432	DATE	2010.04.21

1.CONFIGURATIONS & DIMENSIONS:



A	160	(Max.)	mm
B	80	(Max.)	mm
C	200	± 10	mm
D	10	(Ref.)	mm
E			mm
F			mm
G			mm

Note: Accessories

METAL PLATE: 90mm × 4holes × 1 PCS

Rubber Washer: 100mm × 35mm × 2PCS

Screw and Nut: M8 × 80mm × 1SET

Rubber Pole Yoke: 130mm × 57mm × 1PCS

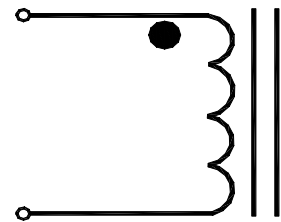
The outer insulation is two layers to make sure the CI=Cr>=5.5mm

2.ELECTRICAL CHARACTERISTICS:

TEST CONDITION					
10KHz 0.25V	L	2.25	mH	±	10%
Ta=25°C	DCR	40	mΩ		Max
10KHz 0.25V Isat=14A	L@Isat	1.94	mH		(Typical)
10KHz 0.25V Isat=30A	L@Isat	1.45	mH		(Typical)

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

3.SCHEMATIC DIAGRAM



4.TEST INSTRUMENTS

L: WK3260A

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	2.0
DESCRIPTION	Inductor , 2.25mH , 45mΩ DCR	PAGE NO	2 of 4
PART NO	L30432	DATE	2010.04.21

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	160 (Max)	80 (Max)	200 ± 10	10.0 (Ref.)						
1	149.5	69.2	206.5	9.5						
2	144.2	68.7	204.7	10.3						
3										
4										
5										
6										
7										
8										
9										
10										
AVERAGE	146.85	68.95	205.60	9.90						

REMARK:

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



SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	2.0
DESCRIPTION	Inductor , 2.25mH , 45mΩ DCR	PAGE NO	3 of 4
PART NO	L30432	DATE	2010.04.21

6.TEST DATA FOR ELECTRICAL

TEST ITEM	L mH	DCR mΩ	L@Isat						
CONDITION	10KHz 0.25V	Ta=25℃	10KHz 0.25V Isat=14A						
SPEC	2.25 ± 10%	40.00 mΩ (MAX)	1.94 mH (Typical)						
1	2.38	32.00	1.97						
2	2.39	32.00	1.95						
3									
4									
5									
6									
7									
8									
9									
10									
AVERAGE	2.39	32.00	1.96						

REMARK:

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



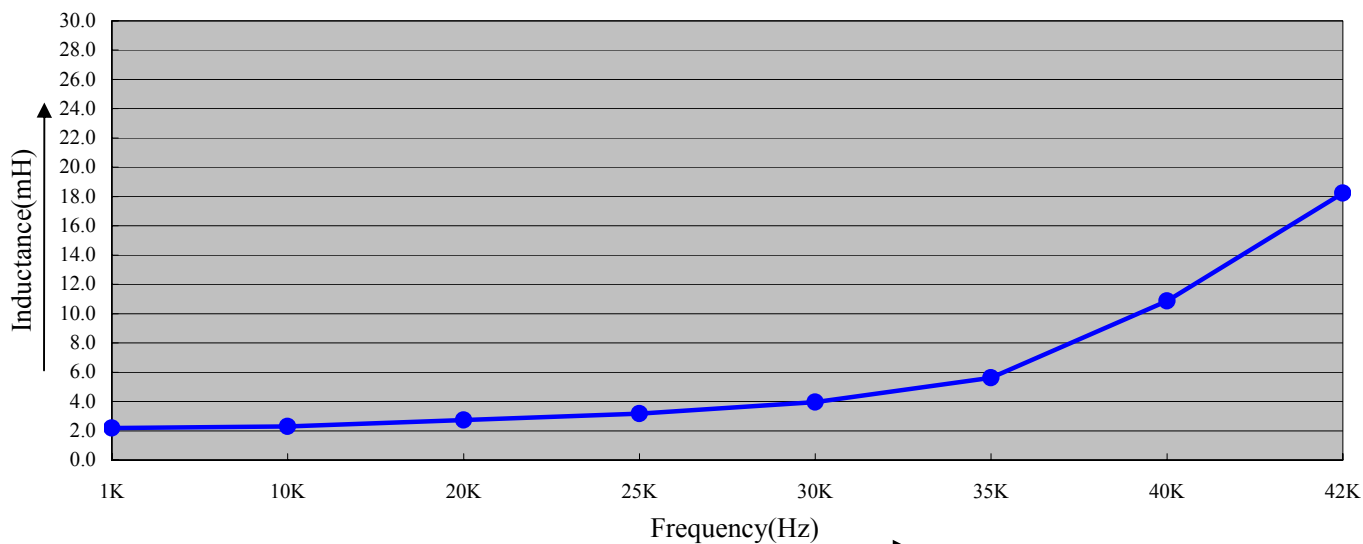
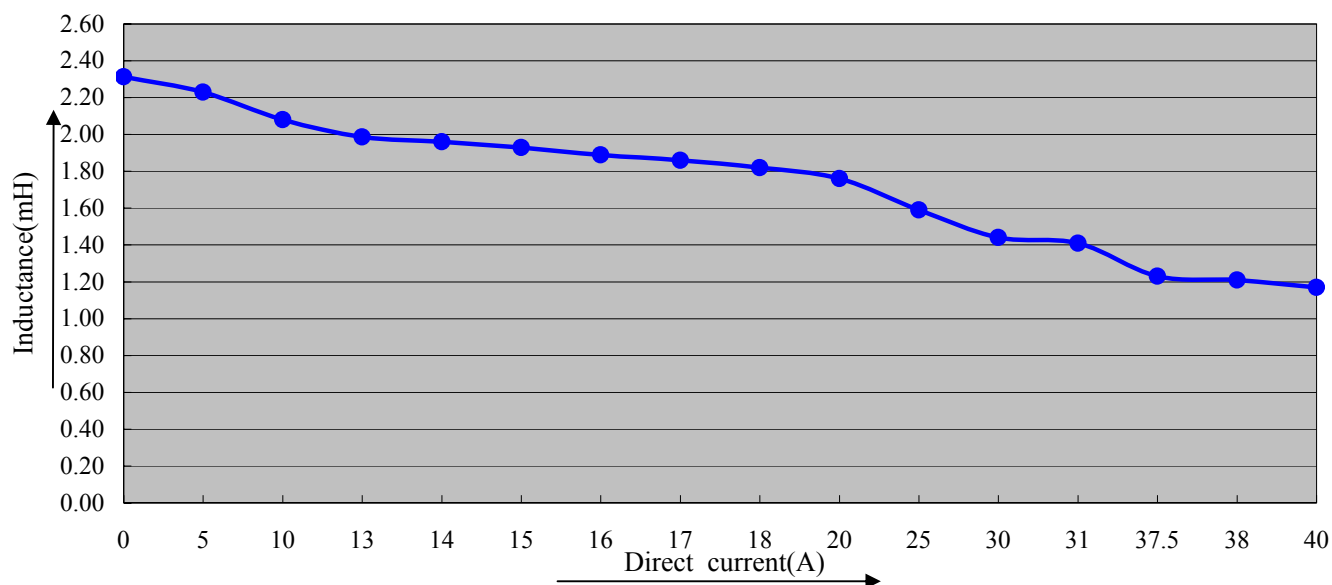
SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	2.0
DESCRIPTION	Inductor , 2.25mH , 45mΩ DCR	PAGE NO	4 of 4
PART NO	L30432	DATE	2010.04.21

7.ELECTRIC CHARACTERISTICS.

DC BIAS < 10KHz 0.25V >



APPROVED BY

Andrew.Zhu

CHECKED BY

David.Wang

DRAWN BY

David.Wang



SPECIFICATION FOR APPROVAL



CUSTOMER		*		REV NO	2.0
DESCRIPTION		Inductor , 2.25mH , 45mΩ DCR		PAGE NO	1of 1
PART NO		L30432		DATE	2010.04.21
MATERIAL LIST					
NO.	ITEM	MATERIAL DESCRIPTION	SUPPLIER	UL CARD NO.	REMARK
1	CORE	MS-521026-2	ARNOLD		OR EQUIVALENT
2	WIRE	Φ1.3mm PEW (155℃)	PACIFIC	E201757	OR EQUIVALENT
			TA WIN	E152187	
		Φ1.3mm UEW (155℃)	PACIFIC	E201757	OR EQUIVALENT
			JIANG CI	E192838	
3	Lead Wire	UL1015AWG#10	KELIN	E250866	OR EQUIVALENT
			YONG ROI	E208493	
			TAPPING	E169161	
4	Lead Wire Binder	a) Mylar Film: EL21 0.188mm	DUPONT	E93687	OR EQUIVALENT
		b) Silicon Fiber-glass Tube:FSG -3.	CHERN-FWUH	E151045	OR EQUIVALENT
		c) Polyester Insulation Tape:35660 with acrylic adhesive (thickness:0.06mm)	SYMBIO INC	E50292	OR EQUIVALENT
5	Outer Insulation	Mylar film (PET)"EL"Type : EL 0.075mm	DUPONT	E93687	OR EQUIVALENT
6	CORE Insulation	Mylar film (PET)"EL"Type : EL 0.075mm	DUPONT	E93687	OR EQUIVALENT
7	METAL PLATE	90mm × 4holes ×1 PCS	OPTIONAL		
8	Rubber Washer	100mm × 35mm × 1PCS	OPTIONAL		
9	Rubber Pole Yoke	130mm × 57mm × 1PCS	OPTIONAL		
10	Screw and Nut	M8 ×80mm × 1SET	OPTIONAL		
APPROVED BY		CHECKED BY		DRAWN BY	
Andrew.Zhu		David.Wang		David.Wang	