

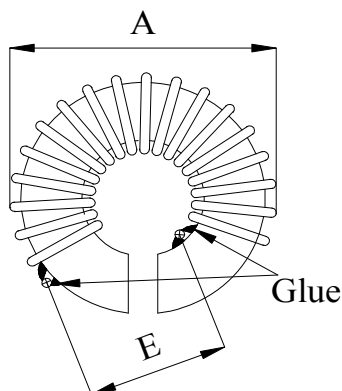


SPECIFICATION FOR APPROVAL

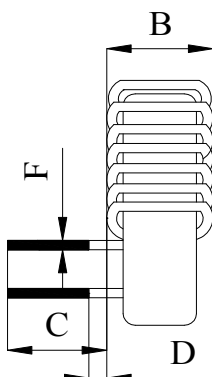


CUSTOMER	*	REV NO	1.0
DESCRIPTION	Inductor, 27uH , 40mΩ DCR	PAGE NO	1 of 4
PART NO	L30509	DATE	2011.02.17

1.CONFIGURATIONS & DIMENSIONS:



Front View



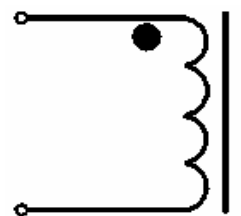
Side View

A	19.0	(Max.)	mm
B	8.0	(Max.)	mm
C	10.0	± 1.0	mm
D	1.0	(Max.)	mm
E	10.0	± 2.0	mm
F	§ 0.60	(Ref.)	mm
G			mm
H			mm

2.ELECTRICAL CHARACTERISTICS: Ta=25°C

TEST CONDITION		
10KHz 0.25V	L	27.0 uH (Typ.)
Ta=25°C	DCR	40.0 mΩ (Max.)

3.SCHEMATIC DIAGRAM



Note:

- (1). Wire UEFN/U (155°C) Φ0.60mm;
- (2).24TS(Ref.) C.W

4.TEST INSTRUMENTS

L : WK3260B

DCR:TH2512B

APPROVED BY

Royi Luo

CHECKED BY

Royi Luo

DRAWN BY

Anthony Yan



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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	19.0 (Max.)	8.0 (Max.)	10.0 ± 1.0	1.0 (Max.)	10.0 ± 2.0	φ 0.60 (Ref.)				
1	18.12	6.76	10.25	0.61	10.45	0.57				
2	18.16	6.72	10.20	0.55	10.67	0.56				
3	18.23	6.75	10.06	0.67	10.06	0.55				
4	18.06	6.78	10.38	0.52	10.27	0.58				
5	18.15	6.74	10.42	0.61	10.93	0.57				
6										
7										
8										
9										
10										
AVERAGE	18.144	6.750	10.262	0.592	10.476	0.566				

REMARK:

APPROVED BY Royi Luo	CHECKED BY Royi Luo	DRAWN BY Anthony Yan
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6.TEST DATA FOR ELECTRICAL

TEST ITEM	L uH	DCR mΩ					
CONDITION	10KHz 0.25V	Ta=25℃					
SPEC	27.0 (Typ.)	40.0 (Max.)					
1	26.53	29.93					
2	28.70	30.11					
3	27.16	30.24					
4	28.06	30.18					
5	28.43	30.27					
6							
7							
8							
9							
10							
AVERAGE	27.776	30.146					

REMARK:

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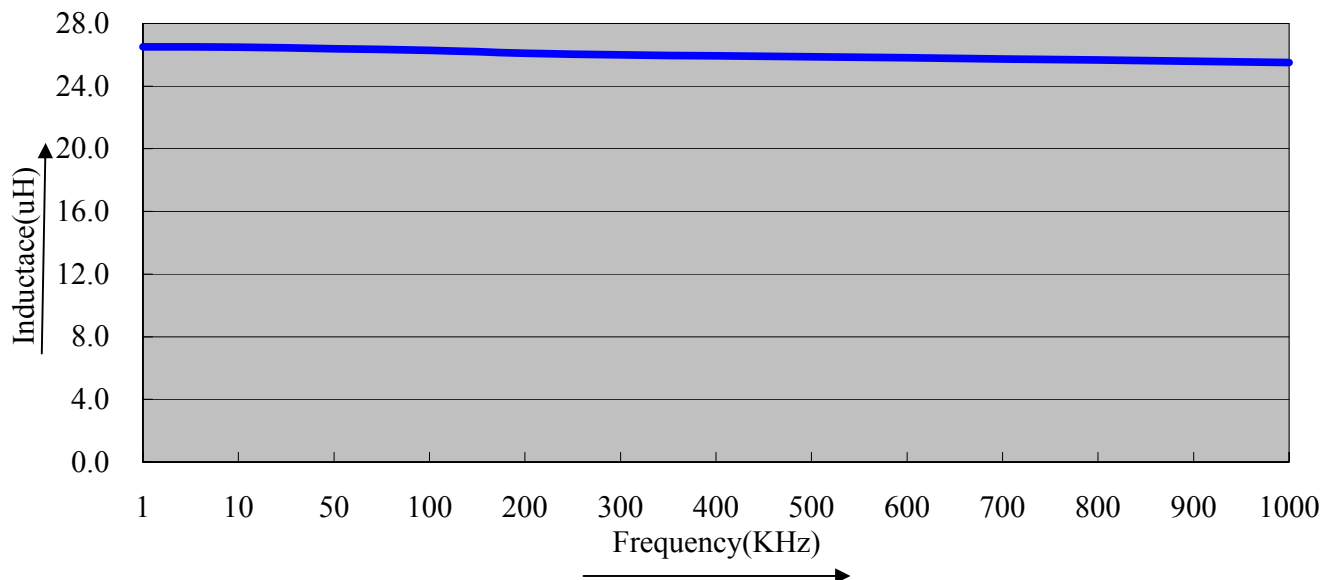
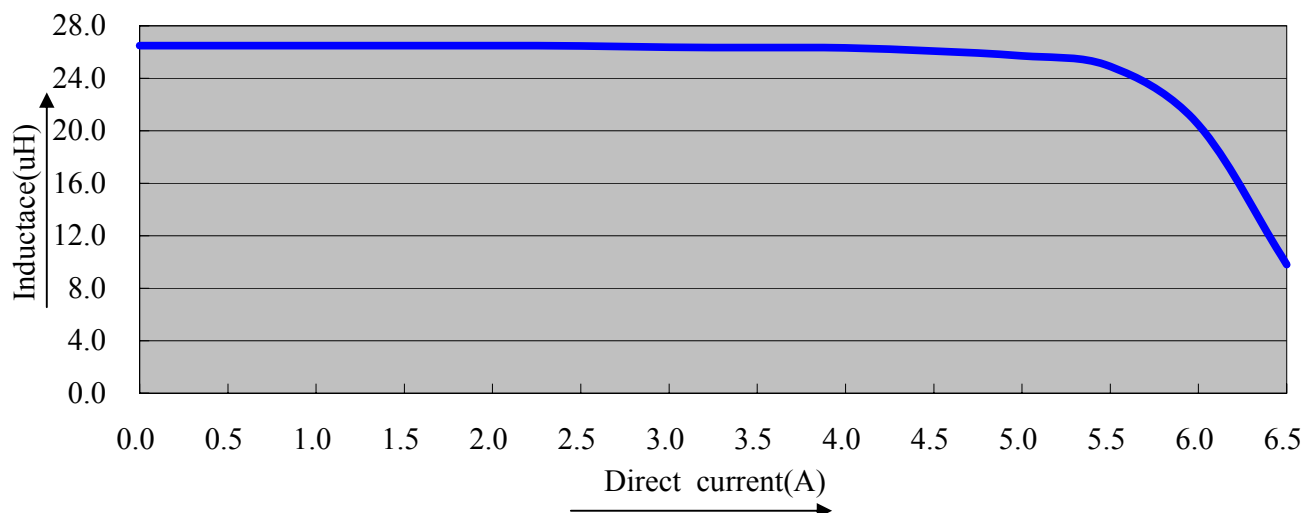


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7.ELECTRIE CHARACTERISTICS.



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