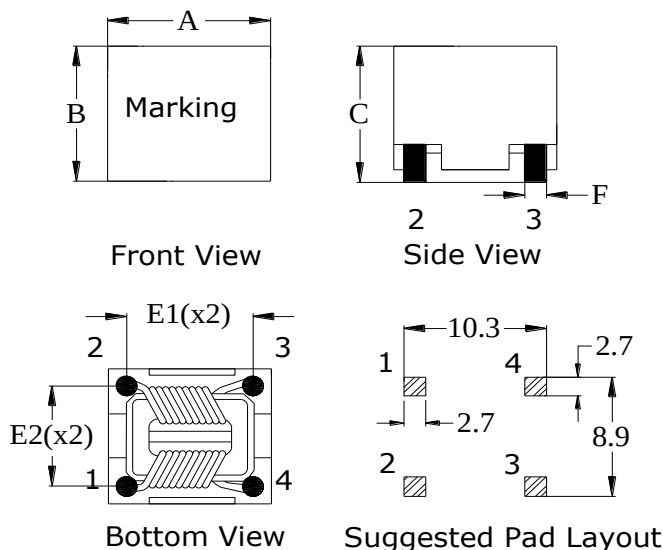


CUSTOMER	*	REV NO	1.0
DESCRIPTION	SMD Common Mode Choke, 11.0uH, 30.0mΩ DCR	PAGE NO	1 of 1
PART NO	C101167	DATE	2015.07.24

1. CONFIGURATIONS & DIMENSIONS:



A	9.60	(Max.)	mm
B	8.40	(Max.)	mm
C	5.30	(Max.)	mm
E1	7.50	± 0.3	mm
E2	6.30	± 0.3	mm
F	1.2	(Typ.)	mm
G			mm
H			mm
I			mm

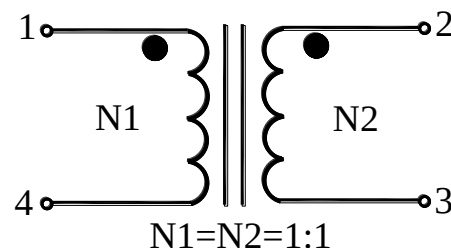
Note: 1. Marking:

102

2. ELECTRICAL CHARACTERISTICS (Ta=25°C):

TEST CONDITION					
100KHz 0.1mA	L(1-4)	11.0	uH	(Typ.)	
100KHz 0.1mA	L(2-3)	11.0	uH	(Typ.)	
100MHz (Parallel test)	Z	1000.0	Ω	± 25%	
Ta=25°C	DCR(1-4)	30.0	mΩ	(Max.)	
Ta=25°C	DCR(2-3)	30.0	mΩ	(Max.)	
Rated current (ΔT=40K)	I _R	2500.0	mA	(Max.)	
Insulation test voltage (N1 Vs N2 2mA/2S)	U _T	AC500	V	(Max.)	
Rated voltage	U _R	80.0	V		

3. SCHEMATIC DIAGRAM



Note:

- (1). Wire UEFN/U(155°C) Φ0.30mm .
(2). N1=N2=11Ts (Ref.) N1:C.W, N2:C.C.W.

Operating temperature: -40°C ~ +125°C

4. TEST INSTRUMENTS

L:WK3260B.

DCR:Gain Kai Ta 502BCOHM.

L@Irms&L@Isat:WK3260B&WK3265B.

APPROVED BY	CHECKED BY	DRAWN BY
Richard Wen	Royi Luo	Billy Tang

SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	1.0
DESCRIPTION	SMD Common Mode Choke,11.0uH,30.0mΩ DCR	PAGE NO	2 of 4
PART NO	C101167	DATE	2015.07.24

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	9.60 (Max.)	8.40 (Max.)	5.30 (Max.)	7.50 ± 0.30	6.30 ± 0.30	φ 1.2 (Typ.)				
1	9.39	8.26	5.22	7.51	6.28	1.19				
2	9.40	8.22	5.12	7.56	6.31	1.18				
3	9.42	8.23	5.10	7.52	6.32	1.21				
4	9.42	8.22	5.18	7.48	6.32	1.22				
5	9.44	8.24	5.13	7.50	6.27	1.22				
6										
7										
8										
9										
10										
AVERAGE	9.414	8.234	5.150	7.514	6.300	1.204				

REMARK:

APPROVED BY Richard Wen	CHECKED BY Royi Luo	DRAWN BY Billy Tang
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SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	1.0
DESCRIPTION	SMD Common Mode Choke,11.0uH,30.0mΩ DCR	PAGE NO	3 of 4
PART NO	C101167	DATE	2015.07.24

6.TEST DATA FOR ELECTRICAL

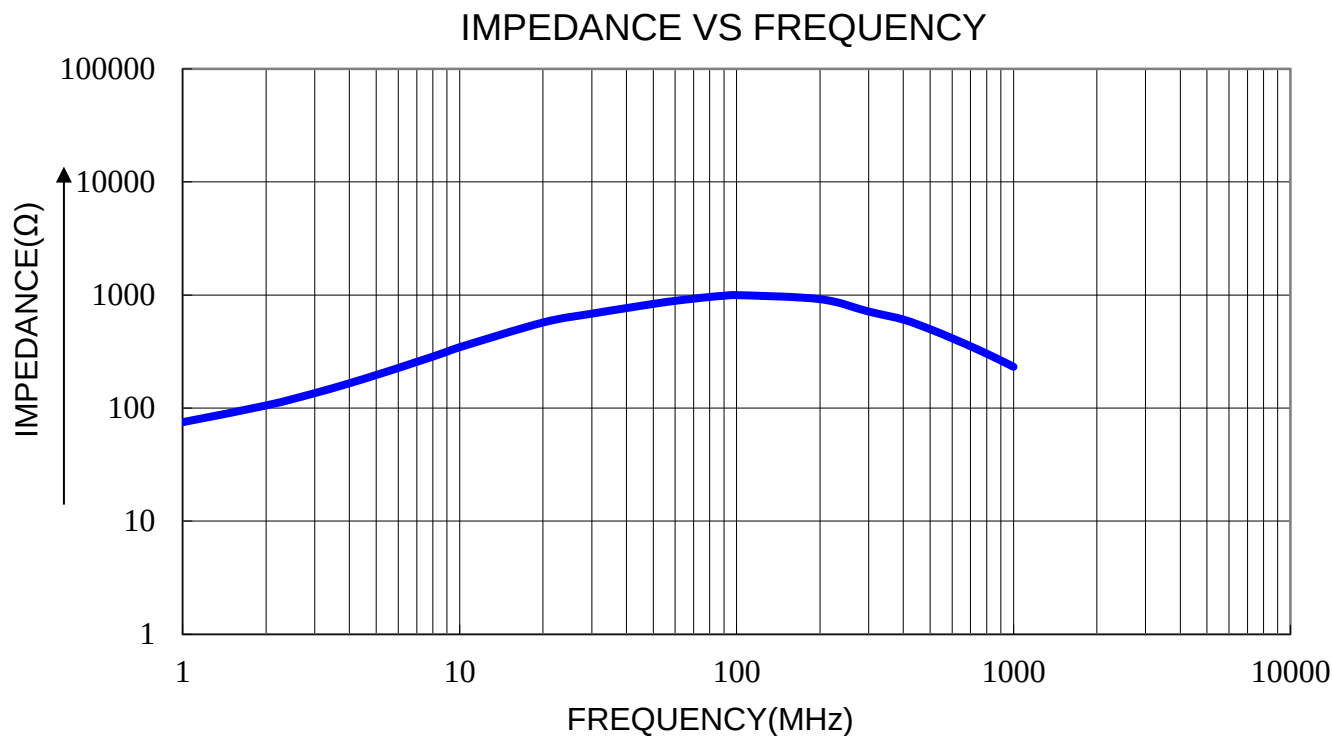
TEST ITEM	L(1-4) uH	L(2-3)	Z Ω	DCR(1-4) mΩ	DCR(2-3) mΩ		
CONDITION	100KHz 0.1mA	100KHz 0.1mA	100MHz(Parallel test)	Ta=25℃	Ta=25℃		
SPEC	11.00 (Typ.)	11.00 (Typ.)	1000.000 ± 25.0%	30.00 (Max.)	30.00 (Max.)		
1	11.10	11.10	972.55	21.47	21.68		
2	12.50	12.50	1021.00	21.67	21.71		
3	12.20	12.20	1053.00	21.60	21.72		
4	11.60	11.60	987.20	21.82	21.86		
5	11.60	11.60	977.13	21.56	21.38		
6							
7							
8							
9							
10							
AVERAGE	11.8000	11.8000	1002.1760	21.6240	21.6700		

REMARK:

APPROVED BY Richard Wen	CHECKED BY Royi Luo	DRAWN BY Billy Tang
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CUSTOMER	*	REV NO	1.0
DESCRIPTION	SMD Common Mode Choke,11.0uH,30.0mΩ DCR	PAGE NO	4 of 4
PART NO	C101167	DATE	2015.07.24

7.ELECTRICAL CHARACTERISTICS.



Note: Measured with windings in parallel at 20℃,typical values.

APPROVED BY Royi Luo	CHECKED BY Royi Luo	DRAWN BY Billy Tang
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