

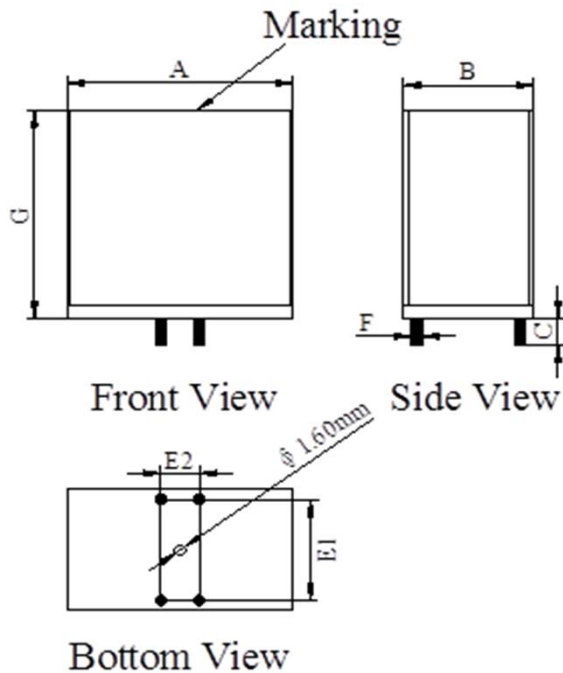


SPECIFICATION FOR APPROVAL



CUSTOMER	*	REV NO	1.1
DESCRIPTION	COMMON MODE CHOKE ,1.3mH ,8.5mΩDCR	PAGE NO	1 of 4
PART NO	C201041-1P	DATE	2013.12.13

1.CONFIGURATIONS & DIMENSIONS:



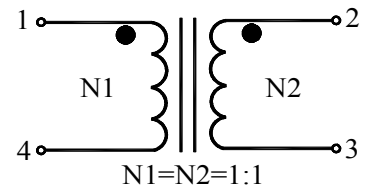
A	33.50	(Max.)	mm
B	19.80	(Max.)	mm
C	3.75	± 0.50	mm
D			mm
E1	15.00	± 0.50	mm
E2	5.00	± 0.50	mm
F	§ 1.60	± 0.10	mm
G	30.50	± 0.30	mm
H			mm

2.ELECTRICAL CHARACTERISTICS:

TEST CONDITION (Ta=25°C):

10KHz/0.05V	L(1-4)	1.30	mH	±	30%
10KHz/0.05V	L(2-3)	1.30	mH	±	30%
Ta=25°C	DCR(1-4)	8.50	mΩ	(Max.)	
Ta=25°C	DCR(2-3)	8.50	mΩ	(Max.)	
Hi-Pot Test	Coil to Coil	AC1500V 5mA 2SEC 50Hz/60Hz			

3.SCHEMATIC DIAGRAM



Note:

(1).Wire: PEWF/U(180°C) or Higher 180C.

RATED CURRENT : 25.0A

Operating Temperature: -40°C ~ +150°C (Customer shall verify the application according to the different ambient temperature).

4.TEST INSTRUMENTS

L : WK3260B
DCR:TH2512B
HI-POT:CH19052.

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5.TEST DATA FOR MECHANICAL

TEST ITEM	A mm	B mm	C mm	D mm	E1 mm	E2 mm	F mm	G mm	H mm	I mm
SPEC	33.50 (Max.)	19.80 (Max.)	3.75 ± 0.50		15.00 ± 0.50	5.00 ± 0.50	φ 1.60 ± 0.10	30.50 ± 0.30		
1	33.16	19.59	3.75		15.01	5.17	1.58	30.51		
2	33.27	19.67	3.58		15.11	5.04	1.57	30.38		
3	33.08	19.67	3.77		15.08	5.27	1.56	30.36		
4	33.20	19.64	3.81		15.07	5.06	1.57	30.42		
5	33.17	19.67	3.67		15.06	5.07	1.56	30.66		
6										
7										
8										
9										
10										
AVERAGE	33.176	19.648	3.716		15.066	5.122	1.568	30.466		

REMARK:

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6.TEST DATA FOR ELECTRICAL

TEST ITEM	L(1-4) mH	L(2-3) mH	DCR(1-4) mΩ	DCR(2-3) mΩ	Hi-Pot Test		
CONDITION	10KHz/ 0.05V	10KHz/0.05 V	Ta=25℃	Ta=25℃	Coil to Coil		
SPEC	1.30 ± 30%	1.30 ± 30%	8.50 (Max.)	8.50 (Max.)	AC1500V 5mA 2SEC 50Hz/60Hz		
1	1.30	1.30	3.89	3.85	Pass		
2	1.21	1.21	3.85	3.80	Pass		
3	1.17	1.17	3.88	3.82	Pass		
4	1.26	1.27	3.84	3.86	Pass		
5	1.22	1.22	3.88	3.89	Pass		
6							
7							
8							
9							
10							
AVERAGE	1.232	1.234	3.868	3.844	N/A		

REMARK:

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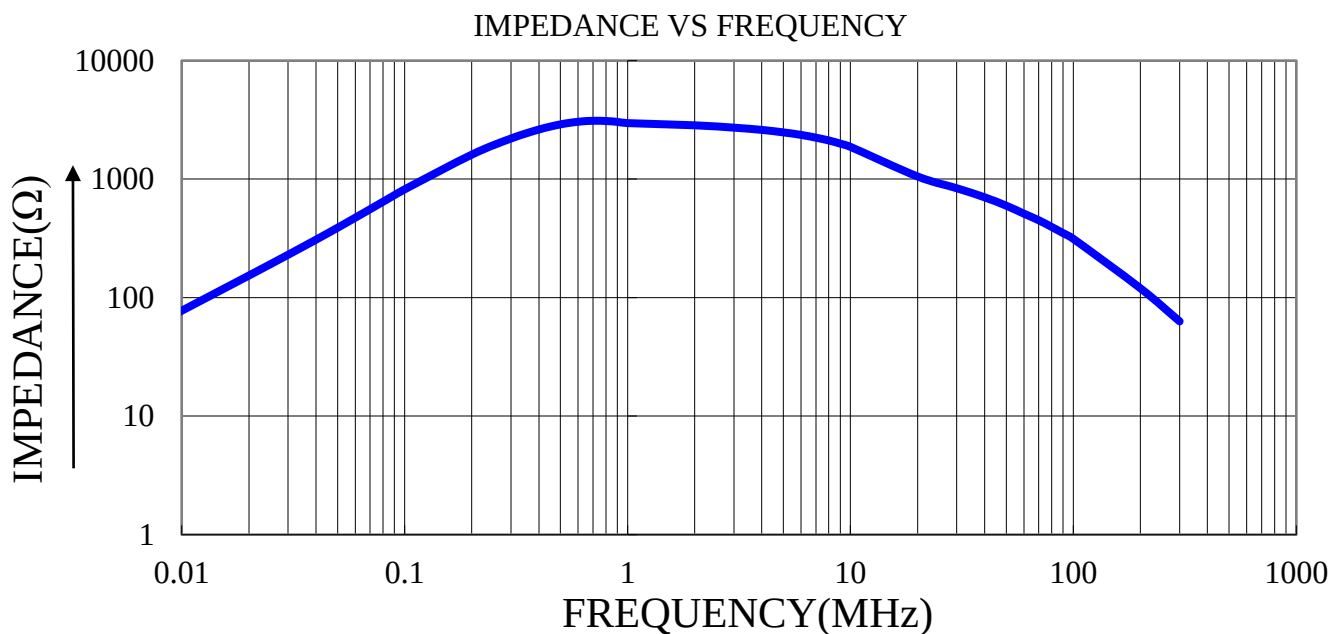
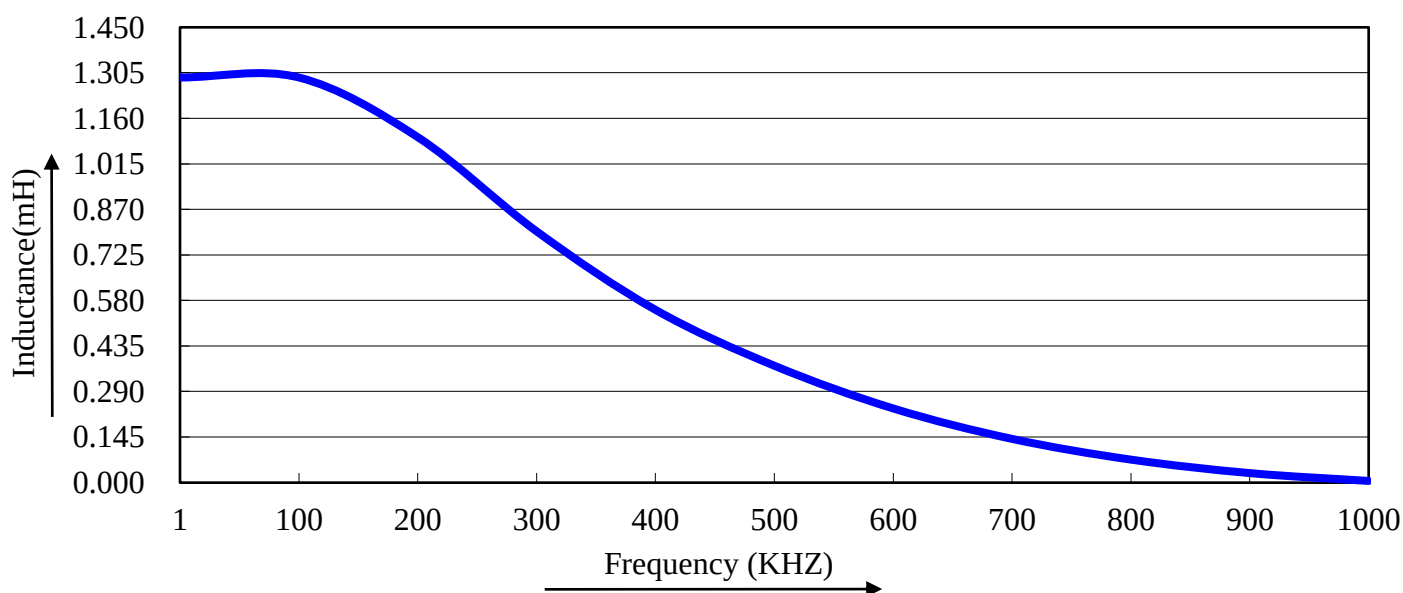


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7. ELECTRICAL CHARACTERISTICS.



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