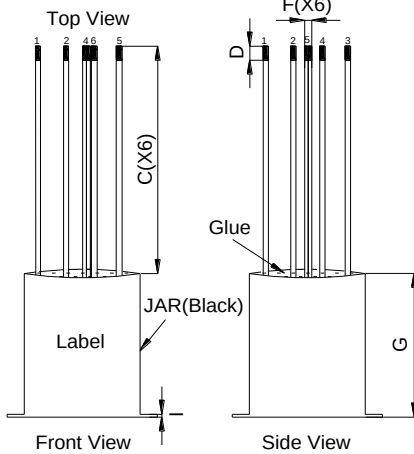
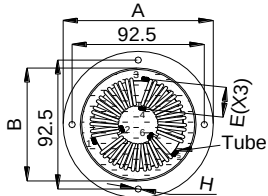


SPECIFICATION FOR APPROVAL



CUSTOMER	*	VERSION	1.0
DESCRIPTION	Common Mode Choke,2.9mH,6.0mΩ DCR	PAGE NO	1 of 4
PART NO	L301152-1P	DATE	2015/6/8

1.CONFIGURATIONS & DIMENSIONS:



A	107.0	(Max.)	mm
B	83.0	(Max.)	mm
C	290.0	± 10.0	mm
D	10.0	(Ref.)	mm
E	24.0	(Ref.)	mm
F	5.0	(Ref.)	mm
G	105.5	(Max.)	mm
H	Φ4.5	± 0.5	mm
I	1.8 (Min) 2.2(Typ)		mm

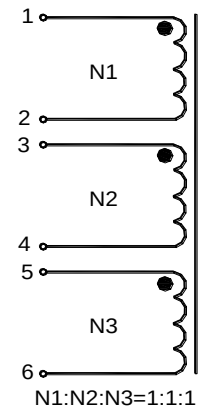
Label: L301152-1P
YYWW YY:Year;WW:Week.

2.ELECTRICAL CHARACTERISTICS:

TEST CONDITION	Ta@25°C			
10KHz/0.1V	L(1-2)	2.9	mH	± 30%
10KHz/0.1V	L(3-4)	2.9	mH	± 30%
10KHz/0.1V	L(5-6)	2.9	mH	± 30%
Ta@25°C	DCR(1-2)	6.0	mΩ	(Max.)
Ta@25°C	DCR(3-4)	6.0	mΩ	(Max.)
Ta@25°C	DCR(5-6)	6.0	mΩ	(Max.)
	Irated	70.0	A	
NOMINAL VOLTAGE	UR	250.0	Vac	(Max.)
AC1500V 5mA 3SEC 50Hz/60Hz (N1 Vs.N2 N3)	Hi-Pot	Pass		

Operating temperature:-40°C ~ +105°C

3.SCHEMATIC DIAGRAM



N1:N2:N3=1:1:1

Note:

- (1).Wire 1PEWN/U 155°C or higher 155°C.
- (2). N1=N2=N3=8Ts (Ref) C.W

4.TEST INSTRUMENTS

L:WK3260B

DCR:TH2512B

HI-POT: CH9032A

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TEST DATA



CUSTOMER	*	VERSION	1.0
DESCRIPTION	Common Mode Choke,2.9mH,6.0mΩ DCR	PAGE NO	2 of 4
PART NO	L301152-1P	DATE	2015/6/8

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
SPEC	107.0	83.0	290.0	10.0	24.0	5.0	105.5	Φ4.5	1.8 (Min)
	(Max.)	(Max.)	± 10.0	(Ref.)	(Ref.)	(Ref.)	(Max.)	± 0.5	2.2(Typ)
1	105.50	81.58	290.38	9.75	23.86	5.12	103.75	4.26	2.13
2	105.45	81.65	293.26	10.06	24.05	5.22	103.82	4.35	2.09
3									
4									
5									
6									
7									
8									
9									
10									
AVERAGE	105.48	81.62	291.82	9.91	23.96	5.17	103.79	4.31	2.11

REMARK:

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TEST DATA



CUSTOMER	*	VERSION	1.0
DESCRIPTION	Common Mode Choke,2.9mH,6.0mΩ DCR	PAGE NO	3 of 4
PART NO	L301152-1P	DATE	2015/6/8

6. TEST DATA FOR ELECTRICAL

TEST ITEM	L(1-2) mH	L(3-4) mH	L(5-6) mH	DCR(1-2) mΩ	DCR(3-4) mΩ	DCR(5-6) mΩ	Hi-Pot	
CON.	10KHz/ 0.1V	10KHz/ 0.1V	10KHz/ 0.1V	Ta@25 ℃	Ta@25 ℃	Ta@25 ℃	AC1500V 5mA 3SEC 50Hz/60Hz (N1 Vs.N2 N3)	
SPEC	2.9 ± 30%	2.9 ± 30%	6.0 (Max.)	6.0 (Max.)	6.0 (Max.)	6.0 (Max.)	Pass	
1	3.23	3.23	3.23	4.45	4.52	4.56	Pass	
2	3.21	3.20	3.21	4.53	4.48	4.59	Pass	
3								
4								
5								
6								
7								
8								
9								
10								
AVERAGE	3.22	3.22	3.22	4.49	4.50	4.58	Pass	

REMARK:

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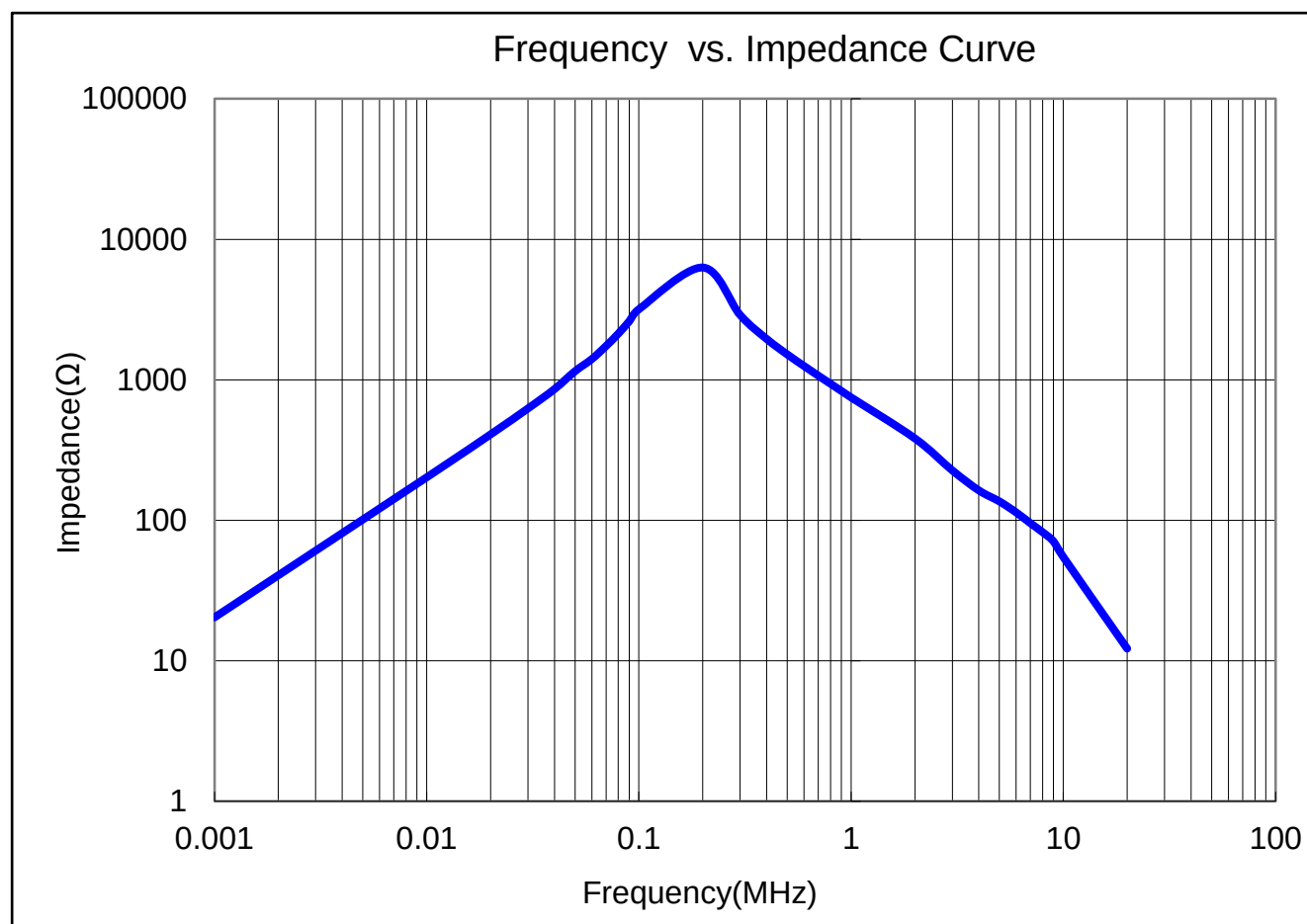


TEST CURVE



CUSTOMER	*	VERSION	1.0
DESCRIPTION	Common Mode Choke,2.9mH,6.0mΩ DCR	PAGE NO	4 of 4
PART NO	L301152-1P	DATE	2015/6/8

7.ELECTRICAL CHARACTERISTICS CURVE.



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

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