

## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.		
ITEM	SMD Power Inductors	Description	CD54N-2R2M-1	
PART NO.	306-69482	DATE	2018.06.12	
(1) DIMENSION(UNIT:mm)				
			A	5.0±0.5 mm
			B	4.5 ±0.5 mm
			C	5.8 ±0.5 mm
			D	2.0(REF) mm
			E	mm
			F	mm
			G	mm
			H	mm

### (2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
L	2.2μH±20%	100KHz	1V		HP-4291A
				V	WK3260B
DCR	30.0mΩ (Max)	KHz	V	DC RESISTANCE METER:	
				V	WK3260B
IDC	3.3A (Max)	100KHz	1V	CURRENT SOURCE:	
				V	TH2816B+1320
		KHz	V	RFIMPENDANCE/MATERIAL ANALYZER	
					WK3260B
		MHz	V	GW PUNCTURE INSULATION TESTER	
					HP-4291A

### (4) TURNS: 9.5TS(REF)

### (5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	
2	WIRE	
3	INK	

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷

## TEST DATA FOR PREPRODUCTION SAMPLES

<b>CUSTOMER:</b>			<b>Part No.</b>	<b>306-69482</b>		<b>Test Q'ty:</b>	<b>10</b>		<b>PCS</b>			
<b>CUST P/N.</b>			<b>Description:</b>	<b>CD54N-2R2M-1</b>			<b>Date:</b>	<b>2018.06.12</b>				
<b>MEASURE ITEM</b>	<b>L</b> ( $\mu$ H)	<b>DCR</b> (m $\Omega$ )	<b>A</b> (mm)	<b>B</b> (mm)	<b>C</b> (mm)							
<b>SPECIFIC</b>	2.2	30.0	5.0	4.5	5.8							
<b>SUGGEST</b>	$\pm$ 20%	Max	$\pm$ 0.5	$\pm$ 0.5	$\pm$ 0.5							
1	2.31	21.2	5.24	4.69	5.84							
2	2.34	20.2	5.23	4.71	5.85							
3	2.33	21.3	5.21	4.65	5.81							
4	2.34	22.3	5.22	4.71	5.84							
5	2.32	22.6	5.22	4.70	5.81							
6	2.34	21.1	5.21	4.67	5.81							
7	2.34	21.3	5.21	4.68	5.84							
8	2.33	21.5	5.21	4.73	5.84							
9	2.34	20.9	5.22	4.72	5.80							
10	2.36	20.8	5.20	4.67	5.85							
X												
R												
<b>TEST CONDITION</b>	<b>INSTRUMENTS:</b>		WK3260B					<b>AT:</b>	100KHz	1V		
	<b>ENVIRONMENT:</b>		TEMP:25 degree HUMDITY :65%									
	<b>STORAGE TEMPERATURE RANGE</b>				-40 $^{\circ}$ C~+85 $^{\circ}$ C							
	<b>OPERATING TEMPERATURE RANGE</b>				-25 $^{\circ}$ C~+85 $^{\circ}$ C							
<b>REMARK:</b>						<b>APPROVED</b>	<b>CHECKED</b>	<b>DRAWN BY</b>				
						姜杰文	姜法寶	王艷				

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Fixed Inductors](#) category:*

*Click to view products by [MINGSTAR](#) manufacturer:*

Other Similar products are found below :

[CR32NP-100KC](#) [CR54NP-470LC](#) [70F224AI](#) [MGDQ4-00004-P](#) [MHQ1005P10NJ](#) [MHQ1005P1N0S](#) [MHQ1005P2N4S](#) [MHQ1005P3N6S](#)  
[MHQ1005P5N1S](#) [MHQ1005P8N2J](#) [PE-53601NL](#) [PE-53602NL](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#)  
[1206CS-471XJ](#) [HC2-R47-R](#) [HC8-1R2-R](#) [HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-140L](#) [RCH664NP-4R7M](#) [RCP1317NP-391L](#)  
[RCR110DNP-331L](#) [DH2280-4R7M](#) [DS1608C-106](#) [B10TJ](#) [B82498B3101J000](#) [ELJ-RE27NJF2](#) [1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-](#)  
[223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#) [1812LS-224XJ](#) [1812LS-563XJ](#) [1812LS-683XJ](#)  
[1812LS-824XJ](#) [NIN-FB101JTR110F](#) [NIN-FB471JTR62F](#) [NIN-FC1R5JTR220F](#) [NIN-HCR15JTRF](#) [NIN-HCR33JTRF](#) [NIN-HDR22JTRF](#)