

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	
			LCR-METER:	
L	2.2μH±20%	100KHz	1V	HP-4291A
				V
DCR	30.0mΩ (Max)	KHz	V	DC RESISTANCE METER:
				V
IDC	3.3A (Max)	100KHz	1V	CURRENT SOURCE:
				V
		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

CUSTOMER:			Part No.	306-69482		Test Q'ty:	10		PCS			
CUST P/N.			Description:	CD54N-2R2M-1			Date:	2018.06.12				
MEASURE ITEM	L (μ H)	DCR (m Ω)	A (mm)	B (mm)	C (mm)							
SPECIFIC	2.2	30.0	5.0	4.5	5.8							
SUGGEST	\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												
TEST CONDITION	INSTRUMENTS:		WK3260B					AT:	100KHz	1V		
	ENVIORMENTS:		TEMP:25 degree HUMDITY :65%									
	STORAGE TEMPERATURE RANGE				-40 $^{\circ}$ C~+85 $^{\circ}$ C							
	OPERATING TEMPERATURE RANGE				-25 $^{\circ}$ C~+85 $^{\circ}$ C							
REMARK:						APPROVED	CHECKED	DRAWN BY				
						姜杰文	姜法寶	王艷				