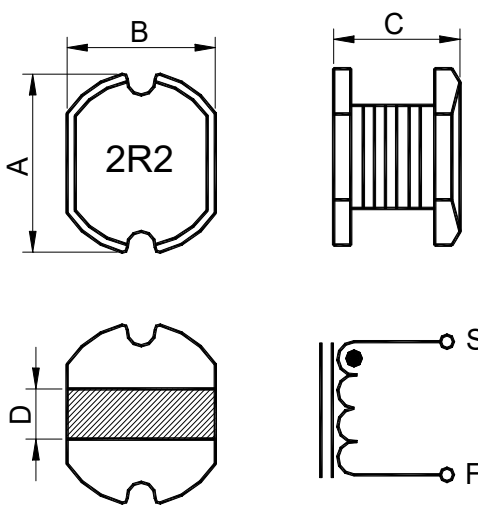


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	CD54N-2R2M
PART NO.	306-74154	DATE	2018.04.03

(1) DIMENSION(UNIT:mm)		A	5.8 ± 0.5 mm
		B	5.2 ± 0.5 mm
		C	4.5 ± 0.5 mm
		D	1.3 (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%	200KHz 0.25V	V	HP-4291A WK3260B
DCR	0.030Ω (Max)	KHz V	V	DC RESISTANCE METER: WK3260B
IDC	4.0A (Max)	200KHz 0.25V	V	CURRENT SOURCE: TH2816B+1320
L _{IDC}	drop 20%(TYP)	200KHz 0.25V	V	RFIMPEDANCE/MATERIAL ANALYZER TH2816B+1320
		MHz V		GW PUNCTURE INSULATION TESTER HP-4291A

(4) TURNS: 9TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION	Supplier of the material	UL NO.
1	CORE	F4D DRT 5.8×4.5(ST)	FENGYIN ELECTRONICS CORP.	
2	WIRE	Ø0.4(2UEW-H)180℃	HENG YA ELECTRIC LIMITED TAYA ELECTRIC WIRE FACTORY	E197768
3	SOLDER	Sn-Cu	DYFENCO ELECTRONIC CHEMICAL CORP.	
4	INK	BLACK	HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO.,LTD.	

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷

MINGSTAR ELECTRONIC CORP.