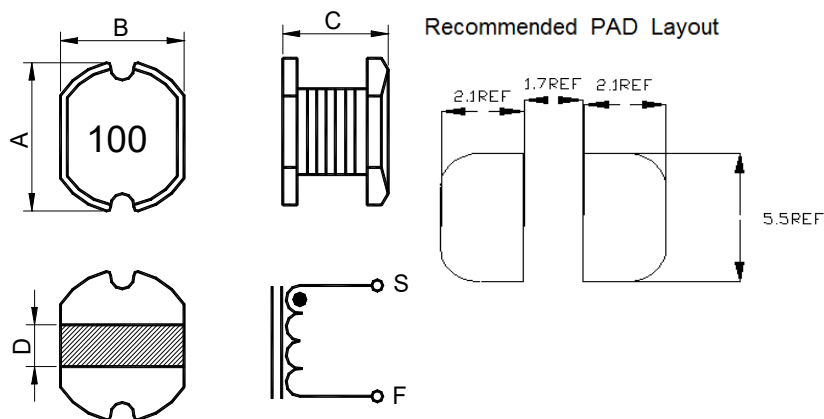


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	CD54N-100M
PART NO.	306-90206	DATE	2021.7.22

(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	10.0μH±20%	200KHz	0.25V		HP-4291A
				V	WK3260B
DCR	0.10Ω (Max)	KHz	V		DC RESISTANCE METER:
				V	WK3260B
Isat	2.2A Based on inductance change(ΔL/L0: ≤ 30%)	200KHz	0.25V		CURRENT SOURCE:
				V	TH2816B+1320
Irms	1.6A MAX(温升为40°C MAX)	200KHz	0.25V		RFIMPEDANCE/MATERIAL ANALYZER
				V	TH2816B+1320
			V		GW PUNCTURE INSULATION TESTER
					HP-4291A

(4) TURN: 20TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION	UL NO.
1	CORE	F4D DRT5.8×4.5(ST)	
2	WIRE	∅0.32mm(2UEW-H)180°C	E258243
3	INK	BLACK	
4	SOLDER	Sn-Cu	

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	MIA