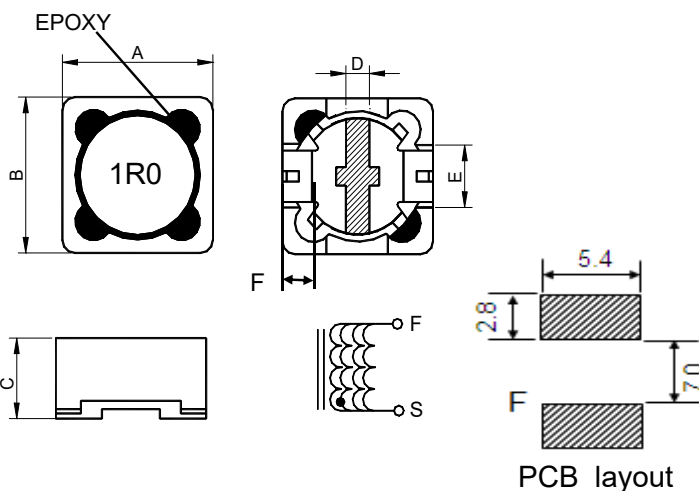


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	CDRH127N-1R0
PART NO.		DATE	2022.9.5

(1) DIMENSION(UNIT:mm)



A	12.2 ± 0.3	mm
B	12.2 ± 0.3	mm
C	8.0MAX	mm
D	1.7 ± 0.5	mm
E	5.0 ± 0.2	mm
F	2.2 ± 0.2	mm
G		mm
H		mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
L	1.0μH+40%/-30%	100KHz	0.1V	V	WK3260B TH2816B
DCR	6.5mΩ (Max)	KHz	V	V	DC RESISTANCE METER: WK3260B
IDC	16.0A (Max)	100KHz	0.1V	V	CURRENT SOURCE: TH2816B+1320
L _{IDC}	drop 35% (TYP)	100KHz	0.1V	V	RFIMPEDANCE/MATERIAL ANALYZER TH2816B+1320
HI-P	WDG TO CORE	100VDC	2mA 2SEC		9071A
IR	WDG TO CORE	100mΩMIN	100V		9071A

(4) TURN: TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	
2	COAT	
3	WIRE	
4	INK	
5	EPOXY	

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:				Part No.				Test Q'ty:	5	PCS	
CUST P/N.				Description:	CDRH127N-1R0			Date:	2022.9.5		
MEASURE ITEM	L (μ H)	DCR (m Ω)	A (mm)	B (mm)	C (mm)						
SPECIFIC	1.0	6.5	12.2	12.2	8.0						
SUGGEST	40%/-20%	Max	\pm 0.3	\pm 0.3	MAX						
1	1.10	5.62	12.20	12.40	7.65						
2	1.06	5.63	12.28	12.29	7.58						
3	1.08	5.68	12.29	12.30	7.60						
4	1.06	5.64	12.33	12.20	7.63						
5	1.09	5.61	12.26	12.28	7.61						
6											
7											
8											
9											
10											
X											
R											
TEST CONDITION	INSTRUMENTS:		TH2816B					AT:	100KHz	0.1V	
	ENVIORMENTS:		TEMP:25 degree HUMDITY :65%								
	STORAGE TEMPERATURE RANGE				-40 $^{\circ}$ C~+125 $^{\circ}$ C						
	OPERATING TEMPERATURE RANGE				-40 $^{\circ}$ C~+125 $^{\circ}$ C						
REMARK:							APPROVED	CHECKED	DRAWN BY		
							姜杰文	姜法寶	王艷		