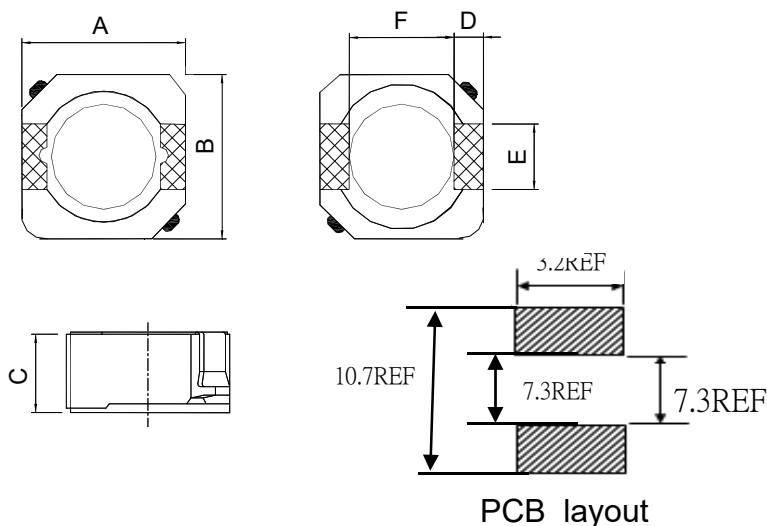


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	CDH104N-3R8P
PART NO.	306-97105	DATE	2022.9.5

(1) DIMENSION(UNIT:mm)



A	10.1 ± 0.3	mm
B	10.0 ± 0.3	mm
C	3.8 ± 0.2	mm
D	1.2 ± 0.15	mm
E	3.0 ± 0.1	mm
F	7.7 ± 0.3	mm
G		mm
H		mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
			LCR-METER:	
L	3.8μH±30%	100KHz	0.1V	V WK3260B TH2816B
DCR	21.0mΩ (Max)	KHz	V	DC RESISTANCE METER: V WK3260B
IDC	6.0A (Max)	100KHz	0.1V	CURRENT SOURCE: V 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	BASE	

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:				Part No.	306-97105		Test Q'ty:	5	PCS		
CUST P/N.				Description:	CDH104N-3R8P			Date:	2022.9.5		
MEASURE ITEM	L (μ H)	DCR (m Ω)	A (mm)	B (mm)	C (mm)						
SPECIFIC	3.8	21.00	10.5	10.0	3.5						
SUGGEST	\pm 30%	Max	\pm 0.5	\pm 0.5	\pm 0.5						
1	3.76	16.80	10.40	10.21	3.76						
2	3.69	16.90	10.39	10.00	3.78						
3	3.75	17.20	10.38	10.05	3.75						
4	3.82	16.90	10.54	10.18	3.76						
5	3.73	17.20	10.40	10.19	3.77						
6											
7											
8											
9											
10											
X											
R											
TEST CONDITION	INSTRUMENTS:		WK3260B					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			

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