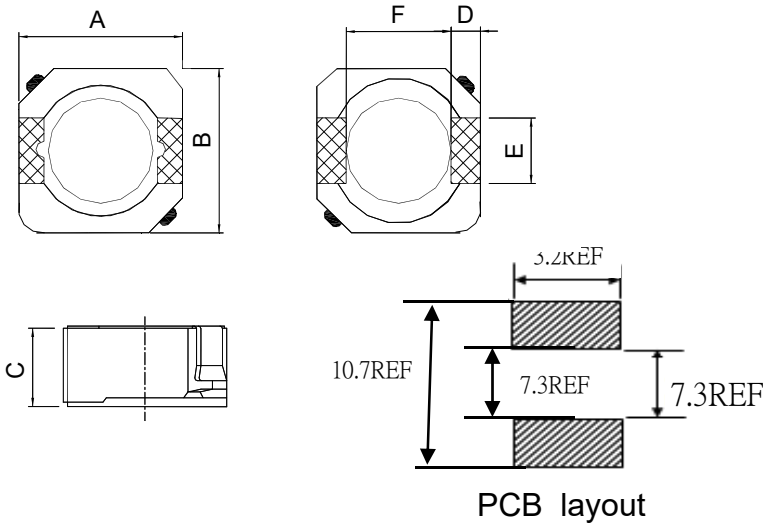


## SPECIFICATION FOR APPROVAL

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

**MINGSTAR ELECTRONIC CORP.**

## 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 (μH)	DCR (mΩ)	A (mm)	B (mm)	C (mm)		
SPECIFIC	3.8	21.00	10.5	10.0	3.5		
SUGGEST	±30%	Max	±0.5	±0.5	± 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℃~+125℃					
	OPERATING TEMPERATURE RANGE	-40℃~+125℃					
REMARK:					APPROVED	CHECKED	DRAWN BY
					姜杰文	姜法寶	王艷

**MINGSTAR ELECTRONIC CORP.**