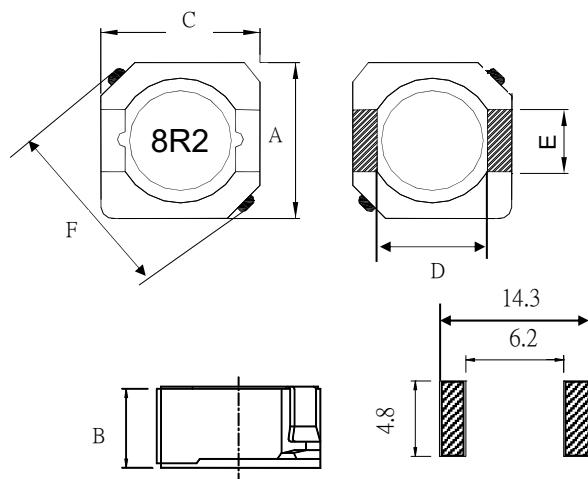


## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	CDH104N-8R2P
PART NO.	306-95052	DATE	2009.04.08

### (1) DIMENSION(UNIT:mm)



A	10.0 ± 0.5	mm
B	3.7±0.3	mm
C	10.0 ± 0.5	mm
D	7.7±0.5	mm
E	3.0±0.5	mm
F	13.0±1.0	mm
G		mm
H		mm

### (2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
L	8.2μH±30%	100KHz	0.1V	HP-4291A	
				V	WK3260B
DCR	0.032Ω (Max)	KHz	V	DC RESISTANCE METER:	
				V	WK3260B
Isat	4.6A(Max) drop35%TYP	100KHz	0.1V	CURRENT SOURCE:	
				V	TH2816B+1320
Irms	4.4A(Max) at ΔT=40°C (TYP)	100KHz	0.1V	CURRENT SOURCE:	
				V	TH2816B+1320

### (4) TURN: 9Ts(REF)

### (5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	Ferrite CORE	R9H DR9.7×3.65 <sup>D-3</sup>
2	Ferrite COAT	R5A SRI 10×8.2×3.2
3	WIRE	Ø0.28mm×2 (2UEW-F) 大亞155°C
4	BASE	C-T2B104R-2 P1 (鍍錫)
5	印字油墨	VIC-1300白色

### REMARK:

APPROVED	CHECKED	DRAWN BY
<i>Simon</i>	辛海峰	劉麗