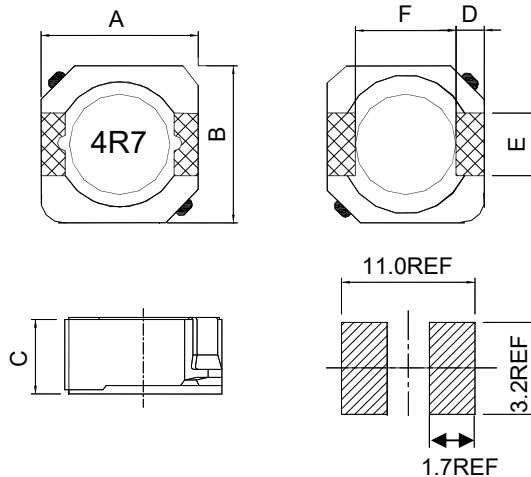


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	CDH104N-4R7M
PART NO.	306-96197	DATE	2012.08.20

(1) DIMENSION(UNIT:mm)



A	10.3± 0.5	mm
B	10.0 ± 0.5	mm
C	4.0 (Max)	mm
D	1.2 ± 0.15	mm
E	3.0 ± 0.2	mm
F	7.7 ± 0.3	mm
G		mm
H		mm

(2)ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE	LCR-METER:	
L	4.7μH±20%	200KHz 0.25V	V	WK3260B HP-4284A
L_{IDC}	drop 35% typ	200KHz 0.25V	V	LCR-METER: HP-4284A
DCR	0.030Ω (Max)	KHz V	V	DC RESISTANCE METER: WK3260B
I_{sat}	6.0A (Max) at L drop 35%(TYP)	200KHz 0.25V	V	CURRENT SOURCE: TH2816B+1320
I_{rms}	5.5A(Max)at ΔT=40℃ (TYP)	200KHz 0.25V	V	CURRENT SOURCE: TH2816B+1320
SRF	35MHz(TYP)	200KHz 0.25V	V	RFIMPENDANCE/MATERIAL ANALYZER TH2816B+1320

(4)TURN: 6Ts(REF)

(5)MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	R9H DR9.6×3.7 ^{D-3}
2	CORE	R5A SRI 10×8.2×3.2
3	WIRE	Ø0.3mm×2(2UEW-H)180℃
	BASE	C-TSB104R P1 (鍍錫)

REMARK:	APPROVED	CHECKED	DRAWN BY
	<i>Simon</i>	辛海峰	李琳