

SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	CD43N-4R7M
PART NO.	306-83722	DATE	2007.12.08

(1) DIMENSION(UNIT:mm)

A	4.5 ± 0.5 mm
B	4.0 ± 0.5 mm
C	3.2 ± 0.5 mm
D	1.2 (REF) mm
E	mm
F	mm
G	mm
H	mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS
		VOLTAGE	
L	4.7μH±20%	200KHz 0.25V	LCR-METER: HP-4291A V WK3260B
DCR	0.094 Ω (Max)	KHz V	DC RESISTANCE METER: V WK3260B
Isat	1.7A (Max) at L drop 10%(TYP)	200KHz 0.25V	CURRENT SOURCE: V TH2816B+1320
Irms	1.6A (Max) at ΔT=40℃ (TYP)	200KHz 0.25V	RFIMPEDANCE/MATERIAL ANALYZER V TH2816B+1320
		MHz V	GW PUNCTURE INSULATION TESTER HP-4291A

(4) TURN: 15TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	R5A 4.5×3.2(ST)
2	WIRE	Ø0.25mm(2UEW)
3		
4		

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

MINGSTAR ELECTRONIC CORP.