

SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	CD54N-4R7M
PART NO.	306-90261	DATE	2016.5.21

<p>(1) DIMENSION(UNIT:mm)</p>		A	5.8 ± 0.5 mm
		B	5.5 ± 0.5 mm
		C	4.5 ± 0.5 mm
		D	1.3 (REF) mm
		E	mm
		F	mm
		G	mm
		H	mm

(2)ELECTRICAL REQUIREMENTS			
TEST CONDITION	FREQUENCY	VOLTAGE	(3) TEST INSTRUMENTS
			LCR-METER:
L	4.7μH±20%	200KHz 0.25V	HP-4291A V WK3260B
DCR	0.080Ω(Max)	KHz V	DC RESISTANCE METER: V WK3260B
L _{IDC}	drop 10%(TYP)	200KHz 0.25V	CURRENT SOURCE: V TH2816B+1320
I _{sat}	3.0A (Max) at L drop 10%(TYP)	200KHz 0.25V	RFIMPEDANCE/MATERIAL ANALYZER V TH2816B+1320
I _{rms}	3.2A (Max) at ΔT=40°C(TYP)	200KHz 0.25V	GW PUNCTURE INSULATION TESTER V TH2816B+1320

(4)TURN: 13TS (REF)

(5)MATERIAL LIST				
ITEM	MATERIAL	DESCRIPTION	Supplier of the material	UL NO.
1	CORE	F4D DRT 5.8×4.5(ST)	FENGYIN ELECTRONICS CORP.	
2	WIRE	∅0.37mm(2UEW-H) 180°C	HENG YA ELECTRIC LIMITED TAYA ELECTRIC WIRE FACTORY	E197768
3	SOLDER	Sn-Cu	DYFENCO ELECTRONIC CHEMICAL CORP.	
4	INK	BLACK	HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO.,LTD.	

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷