

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	TEST VALUE	FREQUENCY	(3) TEST INSTRUMENTS
			VOLTAGE
L	4.7μH±20%	200KHz	0.25V HP-4291A V WK3260B
DCR	0.080Ω(Max)	KHz	V DC RESISTANCE METER: 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

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