

SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	SMD Power Inductors	Description	CD32N-1R5M
PART NO.	306-97024	DATE	2017.09.07
(1) DIMENSION(UNIT:mm)			
		A	3.5 ± 0.5 mm
		B	3.0 ± 0.5 mm
		C	2.1 ± 0.5 mm
		D	1.0 (REF) mm
		E	mm
		F	mm
		G	mm
		H	mm
(2)ELECTRICAL REQUIREMENTS			
TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS
		VOLTAGE	LCR-METER:
L	1.5μH±20%	100KHz 0.25V	HP4284
DCR	68mΩ(Max)	KHz V	WK3260B
Isat	2.0A (Max) at L drop 15%(TYP)	100KHz 0.25V	DC RESISTANCE METER:
Irms	2.0A(Max) at ΔT=40℃	100KHz 0.25V	TH2816B+1320
		MHz V	RFIMPENDANCE/MATERIAL ANALYZER
			TH2816B+1320
			GW PUNCTURE INSULATION TESTER
			HP-4291A
(4)TURN: 9.5Ts(REF)			
(5)MATERIAL LIST			
ITEM	MATERIAL	DESCRIPTION	UL
1	CORE	DR3.5×2.1(ST)	
2	WIRE	Ø0.19mm(2UEW-H)180℃	E258243
3	INK	BLACK	
REMARK:		APPROVED	CHECKED
		姜杰文	姜法寶
			王艷

MINGSTAR ELECTRONIC CORP.