

SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM090503N-201-B
PART NO.	302-30334	DATE	2017.05.10

	A	11.5 (Max)	mm
	B	10.0 (Max)	mm
	C	12.0(Max)	mm
	D	3.5 ± 0.5	mm
	E	5.0± 0.5	mm
	F	2.5± 0.5	mm
	H	Ø0.5± 0.1	mm
	I		mm

(2)ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE	LCR-METER:	
L _{1~4}	200uH(Min)	1KHz 0.05V		HP-4291A
			V	HP4263B
L _{2~3}	200uH(Min)	KHz V	DC RESISTANCE METER:	
			V	HP4263B
DCR _{1~4}	18.0mΩ (Max)	1KHz 0.05V	CURRENT SOURCE:	
			V	HP4263B
DCR _{2~3}	18.0mΩ (Max)	1KHz 0.05V	DC RESISTANCE METER:	
			V	HP4263B
IDC	3.0A (Max)	1KHz 0.05V	CURRENT SOURCE:	
			V	TH2816B+1320

(4)TURN: 11TS(REF)

(5)MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	A151 T9×5×3C
2	WIRE	Ø0.5mm(2UEW+NY)R
3		Ø0.5mm(2UEW+NY)N
4	隔板	黃色玻璃纖維板：0.8*4.6*4.5
5	底板	黃色玻璃纖維板：1.0*6.5*9.0

REMARK:

- 含浸凡立水,無鉛制程.
- CORE與隔板及底板用S-9001-6G膠固定.

線長:20cm*2. 單重:1.33g

APPROVED

CHECKED

DRAWN BY

姜杰文

姜法寶

王艷

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-30334		Test Q'ty:	10		PCS						
CUST P/N.		Description:	TM090503N-201-B				Date:	2017.05.10						
MEASURE ITEM	L _{1~4} (uH)	L _{2~3} (uH)	DCR _{1~4} (mΩ)	DCR _{2~3} (mΩ)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)				
SPECIFIC	200.0	200.0	18.0	18.0	11.5	10.0	12.0	3.5	5.0	2.5				
SUGGEST	Min	Min	Max	Max	Max	Max	Max	±0.5	±0.5	±0.5				
1	324.2	324.1	15.0	15.0	10.58	9.01	10.62	3.57	5.29	2.57				
2	328.7	328.5	15.0	16.0	10.68	8.98	10.79	3.47	5.04	2.53				
3	310.9	311.0	15.0	14.0	10.66	8.98	10.60	3.60	5.2	2.65				
4	319.8	319.7	15.0	15.0	10.63	8.97	10.92	3.58	5.08	2.60				
5	324.4	324.4	14.0	14.0	10.63	9.10	10.53	3.51	5.23	2.61				
6	329.9	330.1	15.0	15.0	10.53	8.96	10.70	3.66	5.11	2.61				
7	323.4	323.5	14.0	15.0	10.64	8.99	10.94	3.48	5.17	2.65				
8	326.9	326.5	15.0	15.0	10.40	9.05	10.91	3.45	5.19	2.61				
9	323.4	323.4	16.0	16.0	10.53	9.00	10.84	3.53	5.17	2.60				
10	327.6	327.5	15.0	16.0	10.53	9.07	10.52	3.58	5.23	2.63				
X														
R														
TEST CONDITION	INSTRUMENTS:		WK3260B					AT:	1KHz	0.05V				
	ENVIRONMENT:		TEMP:25 degree HUMDITY :65%											
	STORAGE TEMPERATURE RANGE				-40℃~+85℃									
	OPERATING TEMPERATURE RANGE				-40℃~+105℃									
REMARK:						APPROVED	CHECKED	DRAWN BY						
						姜杰文	姜法寶	王艷						

MINGSTAR ELECTRONIC CORP.