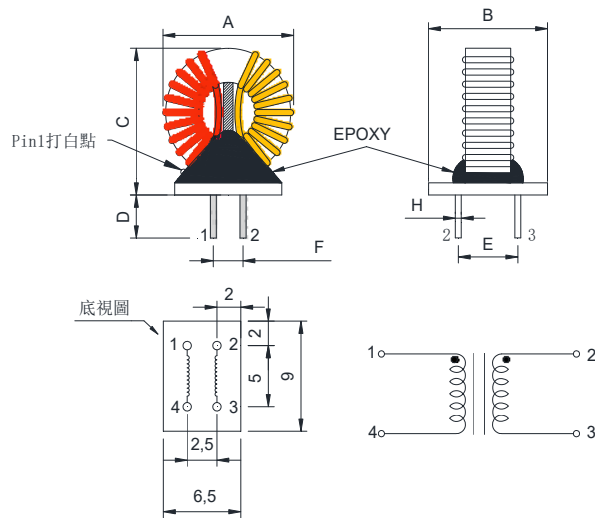


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM090503N-901-B
PART NO.	302-30335	DATE	2018.05.23

(1) DIMENSION(UNIT:mm)



A	12.0 (Max)	mm
B	10.0 (Max)	mm
C	11.5(Max)	mm
D	3.5 ± 0.5	mm
E	5.0± 0.5	mm
F	2.5± 0.5	mm
H	Ø0.4± 0.1	mm
I		mm

(2)ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE	LCR-METER:	
L _{1~4=2~3}	0.9mH(Min)	1KHz 0.05V		HP-4291A
			V	HP4263B
DCR _{1~4=2~3}	45.0mΩ (Max)	KHz V	DC RESISTANCE METER:	
			V	HP4263B
IDC	2.0A (Max)	1KHz 0.05V	CURRENT SOURCE:	
			V	TH2816B+1320
		KHz V	DC RESISTANCE METER:	
				HP4263B
		KHz V	CURRENT SOURCE:	
				TH2816B+1320

(4)TURN: 18TS(REF)

(5)MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION	Supplier of the material	UL
1	CORE			
2	WIRE			
3	隔板			
4	底板			
5	EPOXY			
6	VARNISH			

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:	0				Part No.	302-30335		Test Q'ty:	10		PCS
CUST P/N.					Description:	TM090503N-901-B			Date:	2018.05.23	
MEASURE ITEM	L _{1~4} (mH)	L _{2~3} (mH)	DCR _{1~4} (mΩ)	DCR _{2~3} (mΩ)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	
SPECIFIC	0.9	0.9	45.0	45.0	12.0	10.0	11.5	3.5	5.0	2.5	
SUGGEST	Min	Min	Max	Max	Max	Max	Max	±0.5	±0.5	±0.5	
1	1.35	1.35	35.8	35.8	10.53	9.02	10.64	3.79	5.15	2.47	
2	1.52	1.52	34.8	34.8	10.48	9.02	10.38	3.66	4.96	2.60	
3	1.52	1.53	34.8	34.8	10.58	8.94	10.59	3.68	4.84	2.54	
4	1.46	1.47	34.6	34.6	10.43	8.93	10.51	6.79	5.13	2.62	
5	1.38	1.40	35.6	35.6	10.51	8.99	10.47	6.72	5	2.67	
6	1.55	1.54	35.4	35.4	10.47	9.00	10.53	6.69	4.93	2.57	
7	1.56	1.57	35.0	35.0	10.45	9.02	10.46	6.67	4.99	2.61	
8	1.42	1.41	34.8	34.8	10.61	9.00	10.62	6.71	5.01	2.59	
9	1.46	1.45	35.2	35.2	10.54	9.04	10.51	6.68	5.11	2.63	
10	1.45	1.46	34.8	34.8	10.47	8.96	10.63	6.77	5.07	2.65	
X											
R											
TEST CONDITION	INSTRUMENTS:		WK3260B					AT:	1KHz		0.05V
	ENVIORMENTS:		TEMP:25 degree HUMDITY :65%								
	STORAGE TEMPERATURE RANGE				-40℃~+85℃						
	OPERATING TEMPERATURE RANGE				-40℃~+85℃						
REMARK:						APPROVED		CHECKED		DRAWN BY	
						姜杰文		姜法寶		王艷	

MINGSTAR ELECTRONIC CORP.