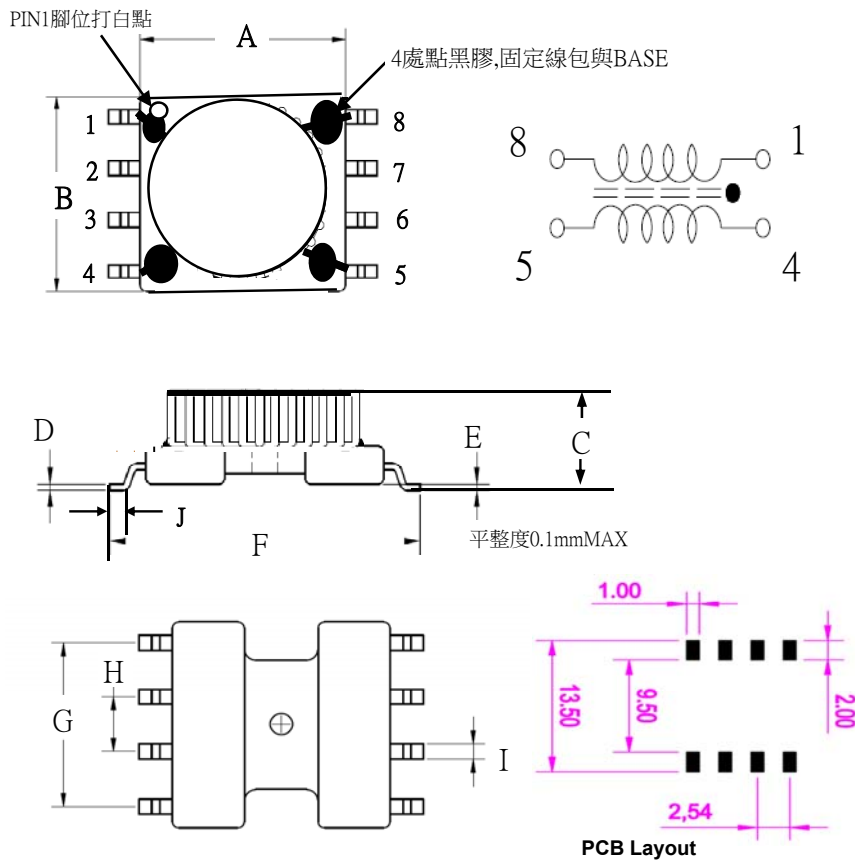


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM090503N-402-TP-W
PART NO.	302-99004	DATE	2022.9.5

(1) DIMENSION(UNIT:mm)



A	9.5±1.0	mm
B	10.5±1.0	mm
C	8.5Max	mm
D	0.3REF	mm
E	0.1MIN	mm
F	12.4±0.5	mm
G	7.62±0.5	mm
H	2.54±0.5	mm
I	0.7±0.2	mm
J	0.9±0.3	mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE		
L ₁₋₈₌₄₋₅	4.0mH(Min)	1KHz 0.25V	LCR-METER:	
			V	WK3260B TH2816
DCR ₁₋₈₌₄₋₅	0.260Ω(Max)	KHz V	LCR-METER:	
			V	WK3260B
IDC	1.2A(Max)	1KHz 0.25V	DC RESISTANCE METER:	
			V	TH2816+1320

(4) TURN:33TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	
2	WIRE	
3	BASE	
4	頂部吸片	
5	EPOXY	

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:				Part No.	302-99004		Test Q'ty:	5		PCS		
CUST P/N.				Description:	TM090503N-402-TP-W			Date:	2021.5.11			
MEASURE ITEM	L _{1~8} (mH)	L _{4~5} (mH)	DCR _{1~8} (Ω)	DCR _{4~5} (Ω)	A (mm)	B (mm)	C (mm)	F (mm)	G (mm)			
SPECIFIC	4.0	4.0	0.260	0.260	9.5	12.5	8.5	12.4	7.62			
SUGGEST	Min	Min	Max	Max	±1.0	±1.0	MAX	±0.5	±0.5			
1	5.64	5.64	0.136	0.136	9.52	12.53	7.79	12.53	7.56			
2	5.69	5.69	0.132	0.132	9.56	12.50	7.80	12.50	7.54			
3	5.62	5.62	0.134	0.134	9.54	12.51	7.76	12.51	7.52			
4	5.32	5.32	0.132	0.132	9.58	12.52	7.78	12.50	7.56			
5	5.41	5.41	0.136	0.136	9.53	12.50	7.76	12.52	7.58			
6												
7												
8												
9												
10												
X												
R												
TEST CONDITION	INSTRUMENTS:		WK3260B					AT:	1KHz		0.25V	
	ENVIORNENTS:		TEMP:25 degree HUMDITY :65%									
	STORAGE TEMPERATURE RANGE					-40℃~+125℃						
	OPERATING TEMPERATURE RANGE					-40℃~+125℃						
REMARK:						APPROVED	CHECKED	DRAWN BY				
						姜杰文	姜法寶	王艷				

MINGSTAR ELECTRONIC CORP.