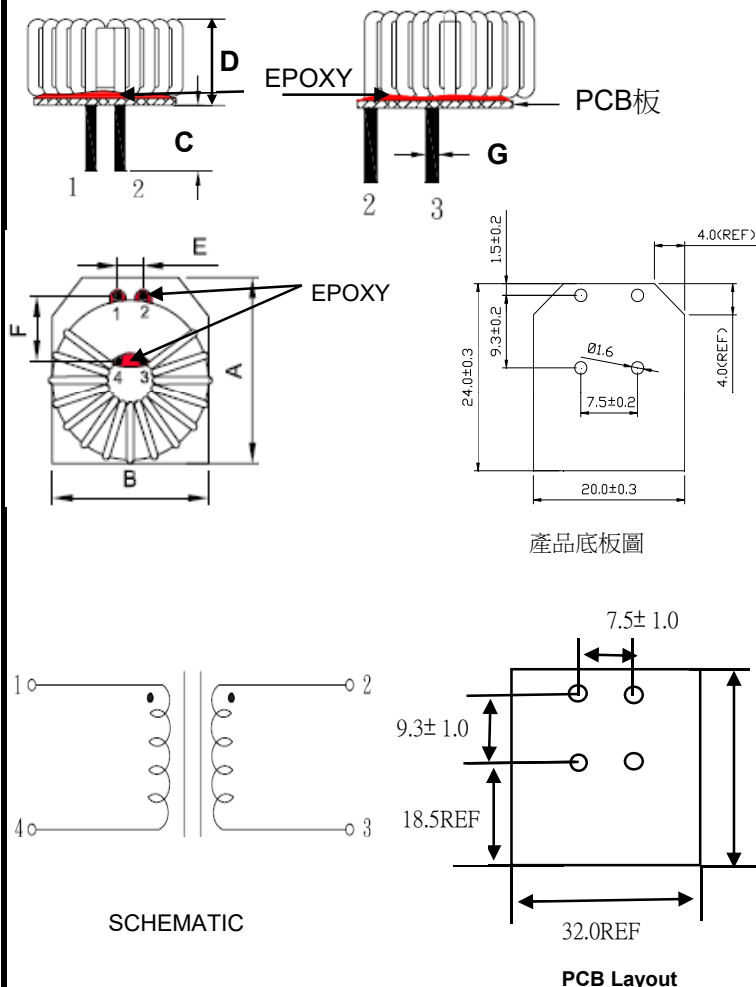


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM221408N-102-P-01
PART NO.	302-98551	DATE	2021.8.16

(1) DIMENSION(UNIT:mm)



A	32.0(Max)	mm
B	32.0(Max)	mm
C	4.0 ± 0.5	mm
D	16.0(Max)	mm
E	7.5 ± 0.5	mm
F	9.3 ± 0.5	mm
G	$\varnothing 1.3 \pm 0.1$	mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	VOLTAGE	(3) TEST INSTRUMENTS
$L_{1-4=2-3}$	1.0mH(Min)	10KHz	50mV	LCR-METER:
				HP-4291A
$DCR_{1-4=2-3}$	13.5m Ω (Max)	10KHz	50mV	DC RESISTANCE METER:
				WK3260B
IDC	16.0A(Max)	KHz	V	LCR-METER:
				WK3260B
IR	100M Ω Min 500VDC/2SEC	KHz	V	9071A

(4) TURN:20TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	
2	WIRE	
3	底板	
4	EPOXY	

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	WEN

MINGSTAR ELECTRONIC CORP.

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-98551		Test Q'ty:	10		PCS			
CUST P/N.		Description:	TM221408N-102-P-01			Date:	2021.8.16				
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	1.0		13.5		32.0	32.0	4.0	16	7.5	9.3	
SUGGEST	Min		Max		Max	Max	±0.5	Max	±0.5	±0.5	
1	1.95	1.98	10.4	9.2	26.95	27.25	4.31	15.88	7.37	9.15	
2	1.85	1.85	10.6	9.2	26.96	27.41	4.31	15.56	7.35	9.23	
3	1.83	1.85	10.6	10.2	26.99	27.43	4.23	15.18	7.39	9.14	
4	1.76	1.77	10.0	9.8	27.26	27.13	4.19	15.46	7.42	9.17	
5	1.94	1.95	10.2	9.6	27.16	27.45	4.21	15.87	7.36	9.18	
6	1.87	1.87	9.8	9.6	26.99	27.56	4.37	15.62	7.41	9.16	
7	1.85	1.85	10.2	10.2	26.88	27.49	4.29	15.36	7.47	9.15	
8	1.85	1.86	9.6	9.8	27.16	27.51	4.16	15.78	7.45	9.16	
9	1.85	1.85	9.8	9.6	27.18	27.37	4.19	15.45	7.39	9.17	
10	1.76	1.76	10.2	9.6	27.19	27.45	4.23	15.53	7.36	9.15	
X											
R											
TEST CONDITION	INSTRUMENTS:	WK3260B							AT:	10KHz	50mV
	ENVIRONMENT:	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	WEN	

MINGSTAR ELECTRONIC CORP.