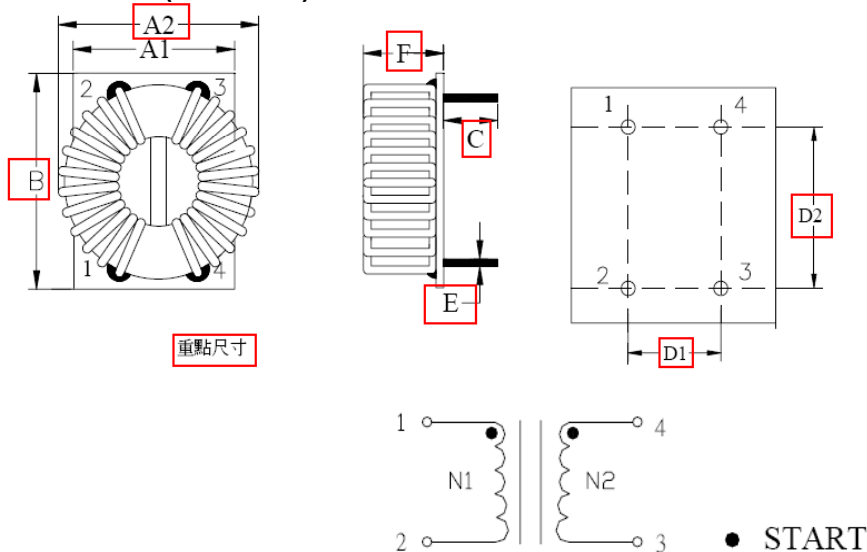


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM221408N-202-B
PART NO.	302-98459	DATE	2021.5.27

(1) DIMENSION(UNIT:mm)



A ₁	19.5 (Max)	mm
A ₂	27.5(Max)	mm
B	29.5 (Max)	mm
C	3.5 ± 0.5	mm
D ₁	15.0 ± 0.5	mm
D ₂	25.0± 0.5	mm
E	0.9± 0.1	mm
F	14.5(Max)	mm

(2)ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE	LCR-METER:	
L _{1~2=4~3}	2.0mH (Min)	1KHz 0.1V		HP-4291A
			V	WK3260B
DCR _{1~2=4~3}	30.0mΩ (Max)	KHz V	LCR-METER:	
			V	WK3260B
IDC	7.0A(Max)	1KHz 0.1V	DC RESISTANCE METER:	
			V	WK3260B
		KHz V	DC RESISTANCE METER:	
				WK3260B

(4)TURN: 17TS(REF)

(5)MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	
2	WIRE	
3	底板	
4	隔板	
5	EPOXY	

REMARK:

APPROVED	CHECKED	DRAWN BY
姜杰文	姜法寶	MIA

MINGSTAR ELECTRONIC CORP.

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:					Part No.	302-98459		Test Q'ty:	10		PCS
CUST P/N.					Description:	TM221408N-202-B			Date:	2021.5.27	
MEASURE ITEM	L _{1~2} (mH)	L _{4~3} (mH)	DCR _{1~2} (mΩ)	DCR _{4~3} (mΩ)	A ₂ (mm)	B (mm)	C (mm)	D ₁ (mm)	D ₂ (mm)	F (mm)	
SPECIFIC	2.0		30.0		27.5	29.5	3.5	15.0	25.0	14.5	
SUGGEST	Min		Max		Max	Max	±0.5	±0.5	±0.5	Max	
1	2.40	2.42	14.0	14.0	25.49	28.91	3.66	14.94	25.05	12.37	
2	2.40	2.42	14.0	14.0	25.37	28.97	3.60	14.85	25.07	12.50	
3	2.41	2.42	14.0	14.0	25.24	28.97	3.69	14.93	24.91	12.37	
4	2.44	2.47	14.0	14.0	25.62	28.97	3.51	14.88	25.00	12.53	
5	2.63	2.65	14.0	14.0	25.40	28.96	3.54	14.96	25.07	12.80	
6	2.55	2.57	14.0	14.0	25.52	28.92	3.60	14.85	25.17	12.87	
7	2.51	2.53	14.0	14.0	25.43	28.97	3.57	14.83	25.20	12.35	
8	2.43	2.45	14.0	14.0	25.39	28.96	3.64	14.88	25.07	12.54	
9	2.47	2.49	14.0	14.0	25.51	28.98	3.57	14.86	25.10	12.37	
10	2.43	2.45	14.0	14.0	25.47	28.95	3.56	14.89	25.08	12.39	
X											
R											
TEST CONDITION	INSTRUMENTS:		WK3260B					AT:	1KHz		0.1V
	ENVIORMENTS:		TEMP:25 degree HUMDITY :65%								
	STORAGE TEMPERATURE RANGE				-40℃~~+85℃						
	OPERATING TEMPERATURE RANGE				-25℃~~+105℃						
REMARK:						APPROVED	CHECKED	DRAWN BY			
						姜杰文	姜法寶	MIA			

MINGSTAR ELECTRONIC CORP.