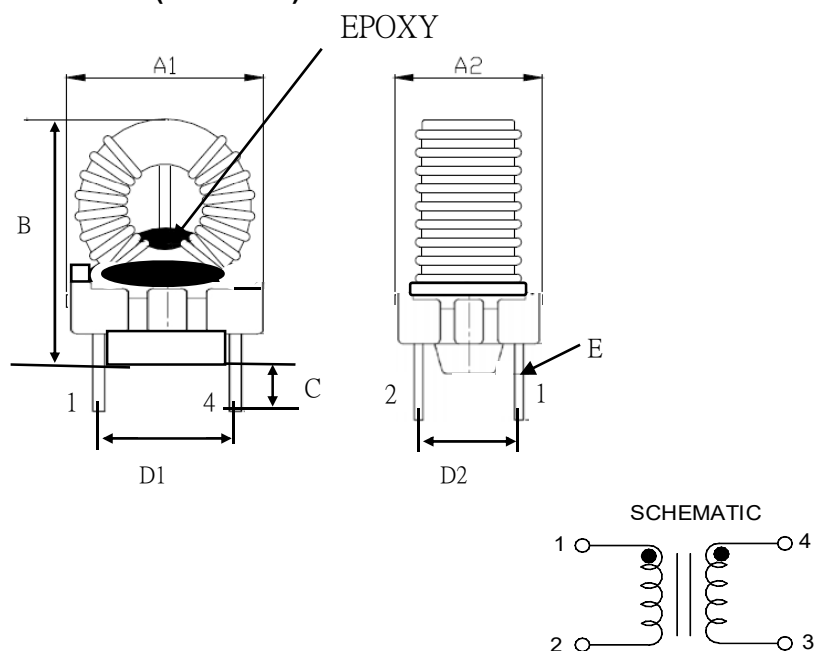


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM100605N-302-B-002
PART NO.	302-98602	DATE	2022.4.6

(1) DIMENSION(UNIT:mm)



A1	13.0(Max)	mm
B	16.0(Max)	mm
C	3.4± 0.5	mm
A2	11.0(Max)	mm
D1	7.0± 0.5	mm
D2	7.0± 0.5	mm
E	Ø0.7± 0.1	mm

(2)ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY VOLTAGE	(3) TEST INSTRUMENTS	
L ₁₋₂	3.0mH ± 35%	10KHz 50mV	LCR-METER:	
			V	HP-4291A WK3260B
L ₄₋₃	3.0mH ± 35%	10KHz 50mV	LCR-METER:	
			V	WK3260B
DCR ₁₋₂	60.0mΩ (Max)	KHz V	DC RESISTANCE METER:	
			V	WK3260B
DCR ₄₋₃	60.0mΩ (Max)	KHz V	DC RESISTANCE METER:	
			V	WK3260B
IDC	2.0A(Max)	10KHz 50mV	CURRENT SOURCE:	
			V	TH2816B+1320

(4)TURNS: 20Ts(REF)

(5)MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	
2	WIRE	
3	VARNISH	
4	EPOXY	
5	BASE	

REMARK:

APPROVED	CHECKED	DRAWN BY
姜杰文	姜法寶	王艷

MINGSTAR ELECTRONIC CORP.

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-98602		Test Q'ty:	10		PCS						
CUST P/N.		Description:	TM100605N-302-B-002				Date:	2022.4.6						
MEASURE ITEM	L _{1~2} (mH)	L _{4~3} (mH)	DCR _{1~2} (mΩ)	DCR _{4~3} (mΩ)	A1 (mm)	B (mm)	C (mm)	D1 (mm)	D2 (mm)					
SPECIFIC	3.0	3.0	60.0	60.0	13.0	16.0	3.4	7.0	7.0					
SUGGEST	±35%	±35%	Max	Max	Max	Max	±0.5	±0.5	±0.5					
1	2.94	2.94	59.5	62.0	11.57	14.28	3.46	7.02	7.08					
2	2.54	2.53	56.5	58.0	11.69	14.26	3.46	7.05	7.06					
3	2.48	2.47	57.0	57.5	11.60	14.29	3.42	7.06	7.09					
4	2.57	2.55	56.0	57.0	11.62	14.30	3.45	7.10	7.08					
5	2.71	2.70	57.5	58.0	11.48	14.32	3.48	7.11	7.06					
6														
7														
8														
9														
10														
X														
R														
TEST CONDITION	INSTRUMENTS:		WK3620B					AT:	10KHz	0.25V				
	ENVIRONMENT:		TEMP:25 degree HUMDITY :65%											
	STORAGE TEMPERATURE RANGE				-40℃~+85℃									
	OPERATING TEMPERATURE RANGE				-25℃~+85℃									
REMARK:						APPROVED	CHECKED	DRAWN BY						
						姜杰文	姜法寶	王艷						

MINGSTAR ELECTRONIC CORP.