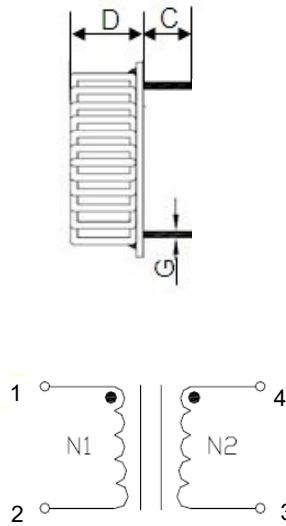
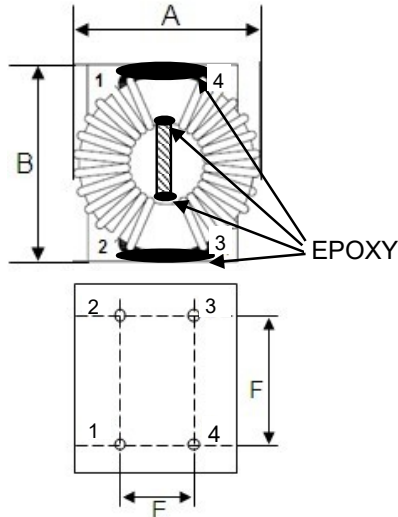


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM120704N-651-P
PART NO.	302-90018	DATE	2021.12.27

(1) DIMENSION(UNIT:mm)



A	16.0 (Max)	mm
B	16.0 (Max)	mm
C	3.5 ±0.5	mm
D	11.5 (Max)	mm
E	5.5 ±0.5	mm
F	12.0 ±0.5	mm
G	Ø0.9± 0.1	mm
H		mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
L ₁₋₂₌₄₋₃	0.65mH(Min)	1KHz	0.25V	CH-100
				V
DCR _{1~2=4~3}	20.0mΩ (Max)	KHz	V	LCR-METER:
				V
IDC	10.0A (Max)	1KHz	0.25V	DC RESISTANCE METER:
		KHz	V	DC RESISTANCE METER:
				WK3260B
		MHz	V	CURRENT SOURCE:
				CH1061A+CH1320

(4) TURN:13TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	T12.7×7.9×4.9-C R12K
2	隔板	7.0*6.5*1.0mm
3	WIRE	Ø0.9mm(2UEW+NY)
4	底板	FR-4:15×15×1.0mm(L*W*T)鉗孔
5	EPOXY	BLACK

REMARK:	APPROVED	CHECKED	DRAWN BY

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:	0	Part No.		Test Q'ty:	10	PCS				
CUST P/N.	Description:		TM120704N-651-P	Date:	2021.12.27					
MEASURE ITEM	$L_{1\sim 2}$ (mH)	$L_{4\sim 3}$ (mH)	$DCR_{1\sim 2}$ (m Ω)	$DCR_{4\sim 3}$ (m Ω)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
SPECIFIC	0.65		20.0		16.0	16.0	3.5	11.5	5.5	12.0
SUGGEST	Min		Max		Max	Max	±0.5	Max	±0.5	±0.5
1	0.83	0.83	9.7	9.7	15.59	15.23	3.68	9.50	5.64	12.00
2	0.95	0.95	9.8	9.8	15.53	15.2	3.72	9.40	5.53	12.10
3	1.01	1.01	9.6	9.6	15.58	15.24	3.75	9.80	5.59	12.06
4	0.93	0.93	9.4	9.4	15.48	15.18	3.66	9.60	5.45	12.00
5	0.92	0.92	9.9	9.9	15.52	15.19	3.63	9.90	5.55	12.15
6										
7										
8										
9										
10										
X										
R										
TEST CONDITION	INSTRUMENTS:		CH-100				AT:	1KHz	0.25V	
	ENVIORMENTS:		TEMP:25 degree HUMDITY :65%							
	STORAGE TEMPERATURE RANGE				-40℃~+125℃					
	OPERATING TEMPERATURE RANGE				-40℃~+125℃					
REMARK:						APPROVED	CHECKED	DRAWN BY		

MINGSTAR ELECTRONIC CORP.