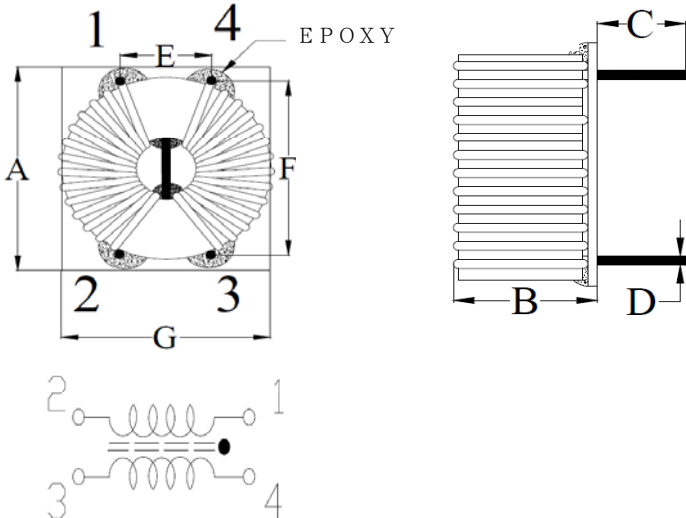


## SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM120704N-601-P
PART NO.	302-90024	DATE	2019.06.03

<p>(1) DIMENSION(UNIT:mm)</p> 		<b>A</b>	15.0 ±1.0 mm
		<b>B</b>	8.0 ±1.5 mm
		<b>C</b>	3.5 ±0.5 mm
		<b>D</b>	0.6±0.1 mm
		<b>E</b>	5.5 ±0.5 mm
		<b>F</b>	12.0±0.5 mm
		<b>G</b>	15.0 ±1.0 mm
		<b>H</b>	mm

(2)ELECTRICAL REQUIREMENTS			
TEST CONDITION	FREQUENCY	VOLTAGE	(3) TEST INSTRUMENTS
			LCR-METER:
$L_{1-2=4-3}$	0.6mH(Min)	1KHz 0.25V	HP-4291A
			V WK3260B
$DCR_{1-2=4-3}$	20.0mΩ (Max)	KHz V	LCR-METER:
			V WK3260B
IDC	6.0A (Max)	1KHz 0.25V	DC RESISTANCE METER:
			WK3260B
		KHz V	DC RESISTANCE METER:
			WK3260B
		MHz V	CURRENT SOURCE:
			CH1061A+CH1320

(4)TURN:13TS(REF)

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

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷

## TEST DATA FOR PREPRODUCTION SAMPLES

<b>CUSTOMER:</b>					<b>Part No.</b>	302-90024		<b>Test Q'ty:</b>	5		<b>PCS</b>	
<b>CUST P/N.</b>					<b>Description:</b>	TM120704N-601-P			<b>Date:</b>	2019.06.03		
<b>MEASURE ITEM</b>	L <sub>1~2</sub> (mH)	L <sub>4~3</sub> (mH)	DCR <sub>1~2</sub> (mΩ)	DCR <sub>4~3</sub> (mΩ)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)		
<b>SPECIFIC</b>	0.6		20.0		15.0	8.0	3.5	5.5	12.0	15.0		
<b>SUGGEST</b>	Min		Max		±1.0	±1.5	±0.5	±0.5	±0.5	±1.0		
1	0.95	0.95	14.20	14.20	15.30	7.89	3.52	5.5	12.02	15.1		
2	1.02	1.02	14.50	14.50	15.20	7.92	3.49	5.46	12.05	15.2		
3	0.89	0.89	14.30	14.30	15.20	7.93	3.53	5.52	12.01	15.1		
4	1.02	1.02	14.50	14.50	15.40	7.92	3.56	5.53	12.00	15.2		
5	0.92	0.92	14.30	14.30	15.30	7.86	3.50	5.5	12.03	15.2		
6												
7												
8												
9												
10												
X												
R												
<b>TEST CONDITION</b>	<b>INSTRUMENTS:</b>		WK3260B					<b>AT:</b>	1KHz	0.25V		
	<b>ENVIORMENTS:</b>		TEMP:25 degree HUMDITY :65%									
	<b>STORAGE TEMPERATURE RANGE</b>					-40℃~+125℃						
	<b>OPERATING TEMPERATURE RANGE</b>					-40℃~+125℃						
<b>REMARK:</b>							<b>APPROVED</b>	<b>CHECKED</b>	<b>DRAWN BY</b>			
							姜杰文	姜法寶	王艷			

**MINGSTAR ELECTRONIC CORP.**