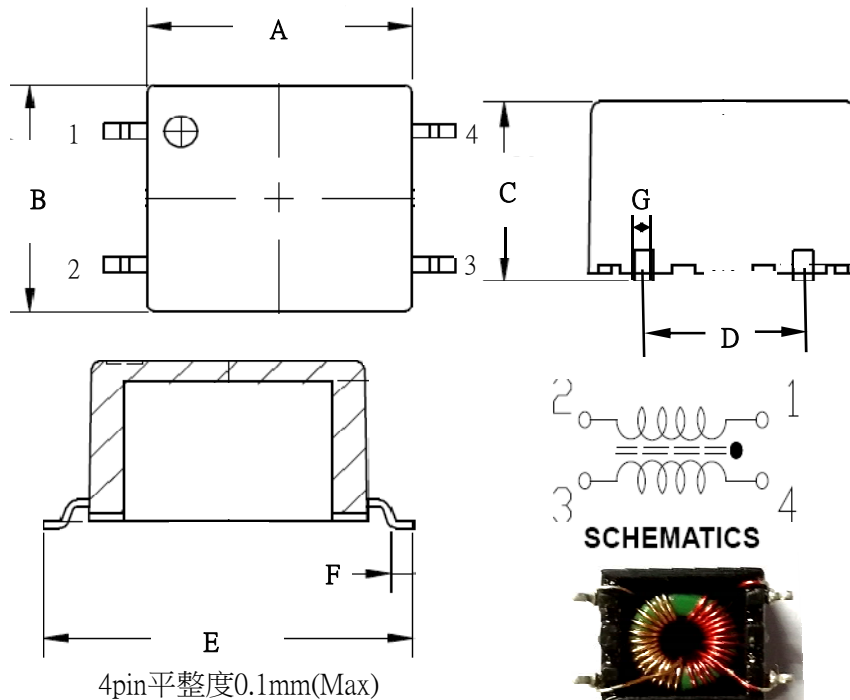


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM060303N-102-TP
PART NO.	302-97530	DATE	2019.11.12

(1) DIMENSION(UNIT:mm)



A	9.4±0.5	mm
B	8.6±0.5	mm
C	6.0±0.5	mm
D	5.0±0.5	mm
E	12.5±0.5	mm
F	0.75±0.25	mm
G	0.60±0.10	mm
		mm
		mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE	LCR-METER:	
$L_{1-2=4-3}$	1.0mH(Min)	1KHz 0.25V	V	WK3260B TH2816B
$DCR_{1-2=4-3}$	95mΩ (Max)	KHz V	DC RESISTANCE METER:	
			V	TH2512B
IDC	2.5A(Max)	1KHz 0.25V	RFIMPENDANCE/MATERIAL ANALYZER	
			V	TH2816B+1320

(4) TURNS: 16Ts(REF)

(5) MATERIAL LIST

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

REMARK:

APPROVED	CHECKED	DRAWN BY
BASE		
姜杰文	姜法寶	王艷

MINGSTAR ELECTRONIC CORP.

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-97530		Test Q'ty:	5		PCS		
CUST P/N.		Description:	TM060303N-102-TP				Date:	2019.11.12		
MEASURE ITEM	L _{1~2}	L _{4~3}	DCR _{1~2}	DCR _{4~3}	A	B	C	D	E	F
	(mH)	(mH)	(mΩ)	(mΩ)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
SPECIFIC	1.0	1.0	95.0	95.0	9.4	8.6	6.0	5.00	12.5	0.75
SUGGEST	Min	Min	Max	Max	±0.5	±0.5	±0.6	±0.5	±0.5	±0.25
1	2.23	2.23	65.9	65.9	9.48	8.66	5.97	5.00	12.65	0.76
2	2.25	2.25	65.0	65.0	9.46	8.62	5.99	5.01	12.63	0.75
3	2.26	2.26	65.2	65.2	9.48	8.65	6.00	5.03	12.62	0.78
4	2.25	2.25	65.6	65.6	9.50	8.63	5.98	5.03	12.63	0.75
5	2.24	2.24	65.3	65.3	9.52	8.64	6.00	5.00	12.65	0.76
6										
7										
8										
9										
10										
X										
R										
TEST CONDITION	INSTRUMENTS:		WK3260					AT:	1KHz 0.25V	
	ENVIRONMENT:		TEMP:25 degree HUMDITY :65%							
	STORAGE TEMPERATURE RANGE				-40℃~+125℃					
	OPERATING TEMPERATURE RANGE				-40℃~+125℃					
REMARK:						APPROVED	CHECKED	DRAWN BY		
						姜杰文	姜法寶	王艷		

MINGSTAR ELECTRONIC CORP.