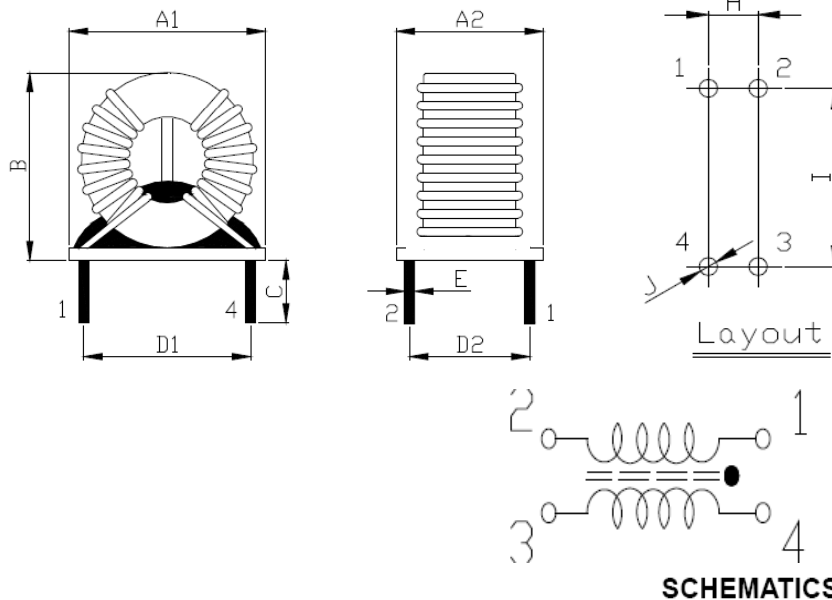


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM100606N-402-B-L
PART NO.	302-99003	DATE	2020.6.2

(1) DIMENSION(UNIT:mm)



A1	14.0(Max)	mm
B	12.5(Max)	mm
C	3.5±0.5	mm
D1	10.0±0.5	mm
D2	8.0±0.5	mm
E	0.45±0.1	mm
A2	14.0(Max)	mm
H	8.0	mm
I	10.0	mm
J	1.0	mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE	LCR-METER:	
$L_{1-2=4-3}$	4.0mH(Min)	1KHz 0.25V	V	CH-100
$DCR_{1-2=4-3}$	65.0mΩ (Max)	KHz V	V	DC RESISTANCE METER: WK3260B
IDC	2.5A(Max)	1KHz 0.25V	V	RFIMPENDANCE/MATERIAL ANALYZER TH2816B+1320
		MHz V		RFIMPENDANCE/MATERIAL ANALYZER HP-4291A

(4) TURNS: 23Ts(REF)

(5) MATERIAL LIST

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

REMARK:	APPROVED	CHECKED	DRAWN BY
	BASE 姜杰文	姜法寶	王艷

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TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-99003		Test Q'ty:	10		PCS						
CUST P/N.		Description:	TM100606N-402-B-L				Date:	2020.6.2						
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)	A2 (mm)				
SPECIFIC	4.0	4.0	65.0	65.0	14.0	12.5	3.5	10.0	8.0	14.0				
SUGGEST	Min	Min	Max	Max	Max	Max	±0.5	±0.5	±0.5	Max				
1	5.80	5.80	58.0	58.0	13.50	11.70	3.40	10.00	8.20	13.4				
2	5.39	5.39	57.5	57.5	13.80	11.50	3.20	10.20	7.90	13.6				
3	5.56	5.56	59.5	59.5	13.40	11.60	3.60	9.90	8.20	13.60				
4	5.49	5.49	60.0	60.0	13.60	11.80	3.50	9.90	8.10	13.7				
5	5.56	5.56	59.0	59.0	13.50	11.70	3.20	10.00	7.90	13.5				
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						
						姜杰文	姜法寶	王艷						

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