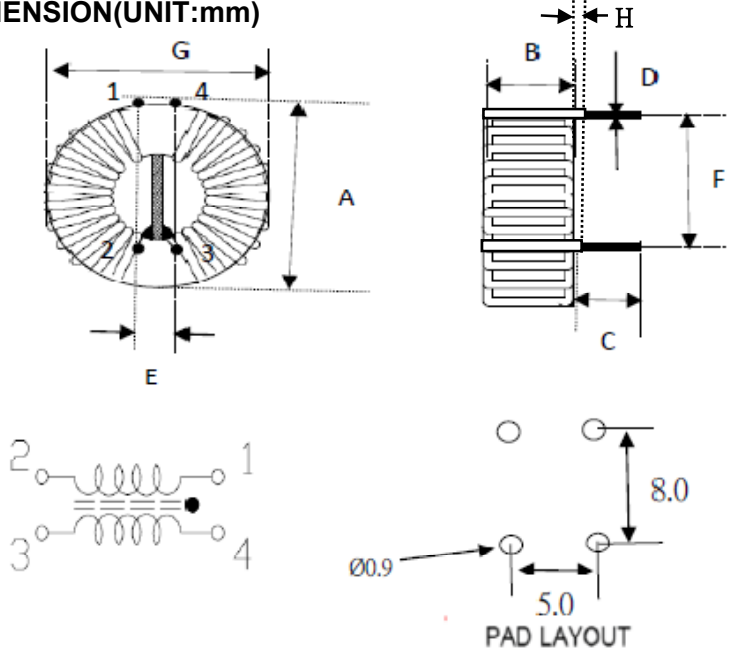


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.		
ITEM	Toroidal Coil Inductors	Description	TM100605N-152-W	
PART NO.	302-99080	DATE	2022.9.2	
(1) DIMENSION(UNIT:mm)				
		A	12.5(Max) mm	
		B	8.0(Max) mm	
		C	3.5 ± 0.5 mm	
		D	Ø0.4± 0.1 mm	
		E	5.0 ± 1.0 mm	
		F	8.0 ± 1.0 mm	
		G	12.5(Max) mm	
		H	0~1.0 mm	
(2)ELECTRICAL REQUIREMENTS				
TEST CONDITION		FREQUENCY VOLTAGE	(3) TEST INSTRUMENTS	
L _{1~2}	1.5mH MIN	1KHz 0.25V	LCR-METER:	
			V	HP-4291A WK3260B
L _{4~3}	1.5mH MIN	1KHz 0.25V	LCR-METER:	
			V	WK3260B
DCR _{1~2}	58mΩ (Max)	KHz V	DC RESISTANCE METER:	
			V	WK3260B
DCR _{4~3}	58mΩ (Max)	KHz V	DC RESISTANCE METER:	
			V	WK3260B
IDC	2.0A(Max)	1KHz 0.25V	CURRENT SOURCE:	
			V	TH2816B+1320
(4)TURNS: 17Ts(REF)				
(5)MATERIAL LIST				
ITEM	MATERIAL	DESCRIPTION	UL	
1	CORE			
2	WIRE			
3	VARNISH			
4	EPOXY			
5	隔板			
7	SOLDER			
REMARK:		APPROVED	CHECKED	DRAWN BY
		姜杰文	姜法寶	王艷

MINGSTAR ELECTRONIC CORP.

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-99080		Test Q'ty:	5		PCS						
CUST P/N.		Description:	TM100605N-152-W				Date:	2022.9.2						
MEASURE ITEM	L _{1~2} (mH)	L _{4~3} (mH)	DCR _{1~2} (mΩ)	DCR _{4~3} (mΩ)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)				
SPECIFIC	1.5	1.5	58.0	58.0	12.5	8.0	3.5	5.0	8.0	12.5				
SUGGEST	MIN	MIN	Max	Max	Max	Max	±0.5	±1.0	±1.0	Max				
1	2.32	2.32	46.5	46.5	10.75	6.35	3.52	5.05	8.05	11.36				
2	2.03	2.03	46.2	46.2	10.72	6.40	3.53	5.06	8.06	11.35				
3	1.96	1.96	46.8	46.8	10.69	6.38	3.51	5.03	8.09	11.32				
4	4.95	4.95	46.3	46.3	10.68	6.39	3.52	5.08	8.04	11.38				
5	2.26	2.26	46.7	46.7	10.70	6.37	3.50	5.02	8.06	11.34				
6														
7														
8														
9														
10														
X														
R														
TEST CONDITION	INSTRUMENTS:		WK3620B					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						

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