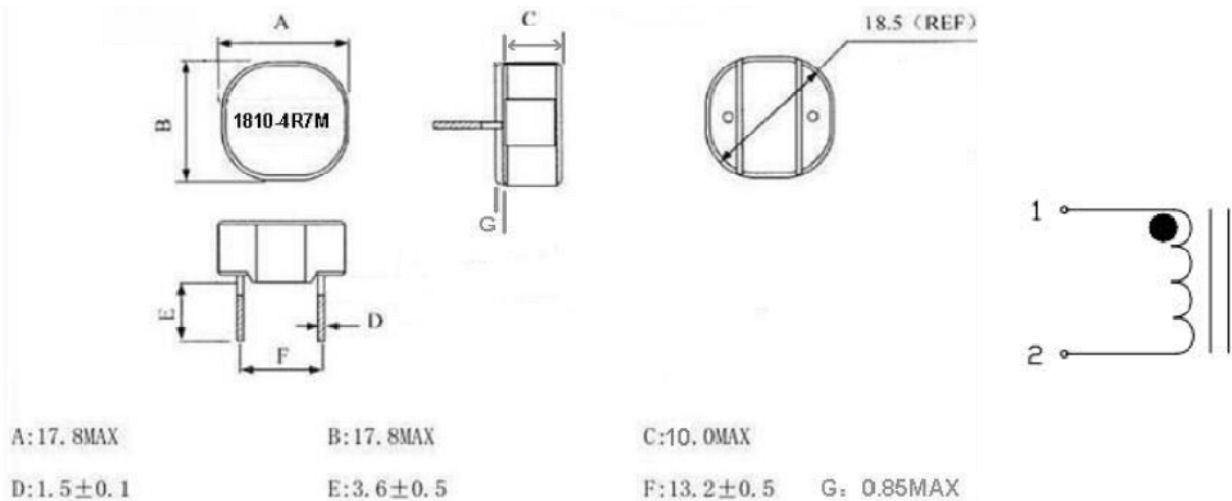


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TD1810N-4R7M
PART NO.	302-98603	DATE	2022.7.14

(1) DIMENSION(UNIT:mm)



(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY		(3) TEST INSTRUMENTS	
		VOLTAGE		LCR-METER:	
L	4.7uH±15%	1KHz	0.25V		HP-4291A
				V	WK3260B
DCR	3.0(mΩ)MAX			DC RESISTANCE METER:	
				V	WK3260B
Isat	30.0A(max) (65% drop from L(0A),typical)	1KHz	0.25V	CURRENT SOURCE:	
				V	TH2816B+1320
Irms	17.0A(max) (temperature rise is 40℃ approximately)	1KHz	0.25V	CURRENT SOURCE:	
					TH2816B+1320
		MHz	V	GW PUNCTURE INSULATION TESTER	
					HP-4291A

(3) TURNS: (REF)

(4) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION	Supplier of the material
1	CORE		
2	WIRE		
3	INK		

REMARK:

APPROVED

CHECKED

DRAWN BY

姜杰文

姜法寶

MIA

MINGSTAR ELECTRONIC CORP.

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-98603		Test Q'ty:		PCS							
CUST P/N.		Description:	TD1810N-4R7M		Date:	2022.7.14								
MEASURE ITEM	L (μH)	DCR (mΩ)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)						
SPECIFIC	4.7	3.00	17.8	17.8	10.0	1.5	3.6	13.2						
SUGGEST	±15%	Max	Max	Max	Max	±0.1	±0.5	±0.5						
1	3.89	2.84	17.45	17.48	9.82	1.51	3.45	13.45						
2	3.90	2.86	17.43	17.46	9.89	1.51	3.56	13.41						
3	3.87	2.85	17.48	17.50	9.86	1.50	3.58	13.45						
4	3.86	2.87	17.48	17.49	9.89	1.51	3.52	13.39						
5	3.92	2.86	17.46	17.46	9.90	1.51	3.56	13.42						
6														
7														
8														
9														
10														
X														
R														
TEST CONDITION	INSTRUMENTS:		WK3260B					AT:	1 KHz	0.25V				
	ENVIORMENTS:		TEMP:25 degree HUMDITY :65%											
	STORAGE TEMPERATURE RANGE				15℃~+35℃									
	OPERATING TEMPERATURE RANGE				-25℃~+125℃									
REMARK:						APPROVED		CHECKED	DRAWN BY					
						姜杰文		姜法寶	MIA					

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