

SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM391717N-190P-B
PART NO.	302-74763	DATE	2022.9.2

<p>(1) DIMENSION(UNIT:mm)</p> <p style="text-align: center;">SCHEMATIC</p> <p>1 ——— 4 2 ——— 3</p>		A	5.55±0.3	mm
		B	7.3±0.2	mm
		C	4.7±0.2	mm
		D	8.9±0.4	mm
		E	2.54±0.3	mm
		F	0.5±0.3	mm
		G	0.3±0.2	mm
		H	1.7±0.3	mm
		I	4.8±0.3	mm

(2) ELECTRICAL REQUIREMENTS					
TEST CONDITION	FREQUENCY	VOLTAGE	(3) TEST INSTRUMENTS		
			LCR-METER:		
$L_{1-4=2-3}$	19.0μH±30%	10KHz	0.1V		HP-4291A
				V	WK3260B
$DCR_{1-4=2-3}$	60.0mΩ(Max)	KHz	V	DC RESISTANCE METER:	
				V	WK3260B
HI-Pot	1200VAC/1.0mA/2Sec	KHz	V	CURRENT SOURCE:	
				V	9071A
I _{rms}	0.5A(Max)atΔT=40°C(TYP)	KHz	V	DC RESISTANCE METER:	
				V	WK3260B
		KHz	V	CURRENT SOURCE:	
				V	HP4263B

(4) TURN: 9TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	
2	WIRE	
3	VARNISH	
4	BASE	

REMARK:	APPROVED	CHECKED	DRAWN BY
	姜杰文	姜法寶	王艷

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER		Part No.	302-74763	Test Q'ty:	10	PCS	
CUST P/N.		Description:	TM391717N-190P-B			Date:	2022.9.2
MEASURE ITEM	L _{1~4=2~3} (mH)	DCR _{1~4=2~3} (mΩ)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
SPECIFIC	19.0	60.0	5.8	6.8	4.9	8.9	2.54
SUGGEST	±30%	Max	±0.3	±0.3	±0.3	±0.3	±0.3
1	18.0	45.0	5.75	6.86	4.81	8.87	2.51
2	17.9	46.2	5.72	6.82	4.86	8.89	2.56
3	18.4	44.8	5.71	6.82	4.78	8.94	2.49
4	18.6	44.6	5.70	6.82	4.84	8.84	2.52
5	18.0	45.8	5.74	6.83	4.80	8.95	2.5
6	18.0	45.2	5.71	6.85	4.82	8.89	2.55
7	18.6	44.8	5.73	6.86	4.85	8.90	2.53
8	19.0	44.6	5.75	6.82	4.79	8.91	2.51
9	17.9	44.8	5.70	6.84	4.80	8.93	2.50
10	18.2	45.2	5.71	6.82	4.83	8.90	2.53
X							
R							
TEST CONDITI ON	INSTRUMENTS:	WK3260B			AT:	10KHz	0.1V
	ENVIORNENTS:	TEMP:25 degree HUMDITY :65%					
	STORAGE TEMPERATURE RANGE	-40℃~85℃					
	OPERATING TEMPERATURE RANGE	-40℃~85℃					
REMARK:					APPROVED	CHECKED	DRAWN BY
					姜杰文	姜法寶	王艷

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