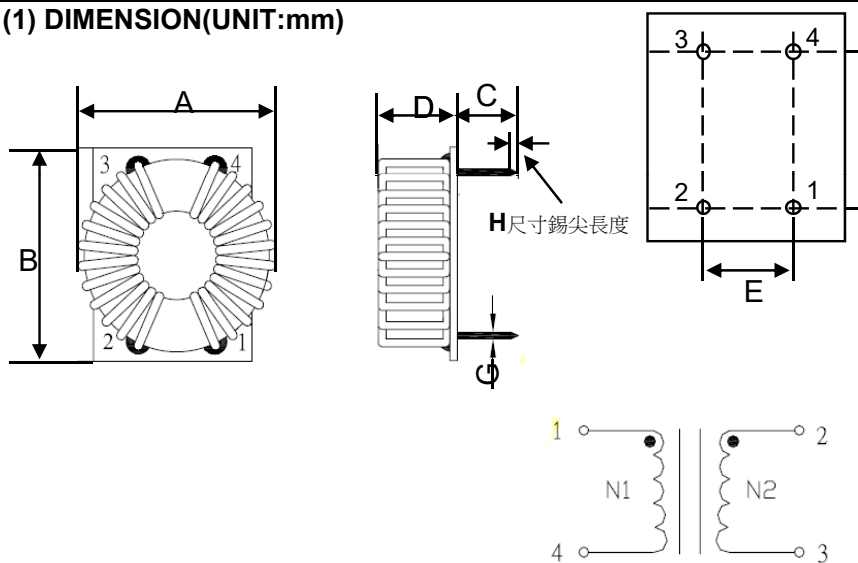


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM221408N-401-B
PART NO.	302-98452	DATE	2016.9.21
(1) DIMENSION(UNIT:mm)			
		A	28.5 (Max) mm
		B	24.0 ± 0.5 mm
		C	3.5±0.5 mm
		D	15.0 (Max) mm
		E	15.0 ±0.5 mm
		F	20.0± 0.5 mm
		G	Ø1.6± 0.1 mm
		H	1.0Max mm

(2)ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE	LCR-METER:	
$L_{1-4=2-3}$	400.0μH(Min)	1KHz 0.25V	HP-4291A	
			V	WK3260B
$DCR_{1-4=2-3}$	8.0mΩ (Max)	KHz V	LCR-METER:	
			V	WK3260B
IDC	22.0A(Max)	1KHz 0.25V	DC RESISTANCE METER:	
			V	TH2816B+1320S
		KHz V	DC RESISTANCE METER:	
				WK3260B
		MHz V	CURRENT SOURCE:	
				CH1061A+CH1320

(4)TURN: 9TS(REF)

(5)MATERIAL LIST

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

REMARK:

APPROVED

CHECKED

DRAWN BY

姜杰文

姜法寶

王艷

MINGSTAR ELECTRONIC CORP.

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-98452		Test Q'ty:	10		PCS						
CUST P/N.		Description:	TM221408N-401-B				Date:	2016.9.21						
MEASURE ITEM	L _{1~4=2~3} (μH)	DCR _{1~4=2~3} (mΩ)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)						
SPECIFIC	400.0	8.0	28.5	24.0	3.5	15.0	15.0	20.0						
SUGGEST	Min	Max	Max	±0.5	±0.5	Max	±0.5	±0.5						
1	603.8	3.0	26.82	23.97	3.45	13.59	15.01	20.06						
2	558.2	3.0	26.79	23.94	3.42	13.55	14.93	20.02						
3	625.7	3.0	26.85	23.96	3.45	13.54	15.03	20.03						
4	639.5	3.0	27.04	239.50	3.51	13.65	14.98	19.99						
5	544.5	3.0	26.77	23.96	3.52	13.61	14.90	20.07						
6	605.8	3.0	26.80	23.94	3.45	13.56	14.97	20.02						
7	654.3	3.0	26.87	23.97	3.42	13.6	15.03	20.05						
8	498.7	3.0	26.79	23.96	3.46	13.64	15.00	20.01						
9	544.9	3.0	26.87	23.95	3.42	13.57	14.99	20.04						
10	585.7	3.0	26.95	23.94	3.45	13.59	14.97	20.07						
X														
R														
TEST CONDITION	INSTRUMENTS:		WK3260B					AT:	1KHz	0.25V				
	ENVIRONMENT:		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						

MINGSTAR ELECTRONIC CORP.