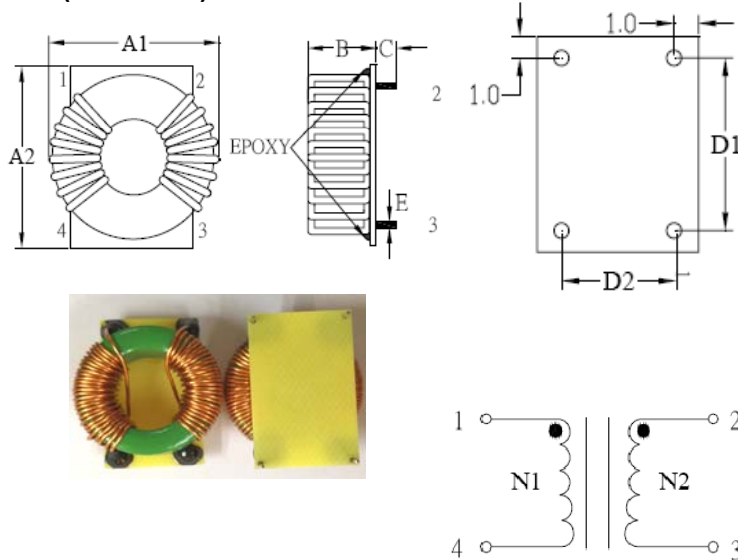


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TM221408N-272-B
PART NO.	302-91946	DATE	2010.09.01

(1) DIMENSION(UNIT:mm)



A ₁	26.5 (Max)	mm
A ₂	28.0 (Max)	mm
B	14.0 (Max)	mm
C	3.5 ± 0.5	mm
D ₁	25.0 ± 0.5	mm
D ₂	15.0 ± 0.5	mm
E	0.6 ± 0.1	mm
H		mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE	LCR-METER:	
L _{1~4=2~3}	2.7mH (Min)	1KHz 0.25V	HP-4291A	
			V	WK3260B
DCR _{1~4=2~3}	100mΩ (Max)	KHz V	LCR-METER:	
			V	WK3260B
IDC	5.0A(Max)	1KHz 0.25V	DC RESISTANCE METER:	
			V	WK3260B
		KHz V	DC RESISTANCE METER:	
				WK3260B
		MHz V	CURRENT SOURCE:	
				CH1061A+CH1320

(4) TURN: 32TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	
2	WIRE	
3	PCB板	
4	EPOXY	

REMARK:

APPROVED	CHECKED	DRAWN BY
姜杰文	姜法寶	王艷

MINGSTAR ELECTRONIC CORP.

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:					Part No.	302-91946		Test Q'ty:		10	PCS
CUST P/N.					Description:	TM221408N-272-B			Date:	2010.09.01	
MEASURE ITEM	L _{1~4=} (mH)	L _{2~3} (mH)	DCR _{1~4} (mΩ)	DCR _{2~3} (mΩ)	A ₁ (mm)	A ₂ (mm)	B (mm)	C (mm)	D ₁ (mm)	D ₂ (mm)	
SPECIFIC	2.7		100.0		26.5	28.0	14.0	3.5	25.0	15.0	
SUGGEST	Min		Max		Max	Max	Max	±0.5	±0.5	±0.5	
1	4.10	4.10	61.5	62.0	24.44	27.1	12.00	3.65	25.12	15.04	
2	3.97	3.97	61.5	60.0	24.66	27.05	11.88	3.49	24.96	14.87	
3	4.00	4.00	63.0	62.0	24.40	27.19	11.68	3.61	25.37	15.18	
4	3.97	3.98	63.5	63.5	24.35	27.02	12.10	3.50	24.92	14.95	
5	3.79	3.79	61.0	61.0	24.60	26.99	12.17	3.64	24.81	14.94	
6	3.78	3.78	63.0	62.5	24.31	27.01	12.05	3.56	25.09	14.95	
7	4.08	4.08	63.5	63.5	24.44	27.04	12.50	3.69	25.13	14.98	
8	3.91	3.91	62.0	62.0	24.62	27.24	12.26	3.41	25.15	14.90	
9	4.40	4.41	62.0	61.5	24.41	27.05	12.08	3.73	25.01	15.10	
10	3.91	3.91	62.0	62.0	24.32	26.96	12.13	3.71	25.16	14.99	
X											
R											
TEST CONDITION	INSTRUMENTS:		WK3260B					AT:	1KHz	0.25V	
	ENVIORMENTS:		TEMP:25 degree HUMDITY :65%								
	STORAGE TEMPERATURE RANGE				-40℃~+85℃						
	OPERATING TEMPERATURE RANGE				-25℃~+85℃						
REMARK:						APPROVED	CHECKED		DRAWN BY		
						姜杰文	姜法寶		王艷		

MINGSTAR ELECTRONIC CORP.