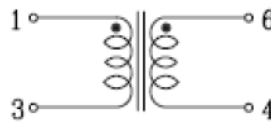
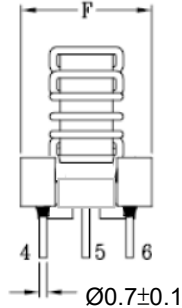
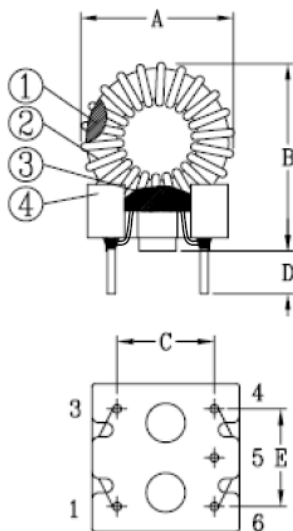


SPECIFICATION FOR APPROVAL

CUSTOMER		CUST P/N.	
ITEM	Toroidal Coil Inductors	Description	TC4426N-150P-B
PART NO.	302-61094	DATE	2011.12.14

(1) DIMENSION(UNIT:mm)



A	13.5 (Max)	mm
B	16.5 (Max)	mm
C	7.0 ± 0.5	mm
D	3.2 ± 0.5	mm
E	7.0 ± 0.5	mm
F	11.0(Max)	mm
G		mm
H		mm

(2) ELECTRICAL REQUIREMENTS

TEST CONDITION		FREQUENCY	(3) TEST INSTRUMENTS	
		VOLTAGE	LCR-METER:	
L _{1~3}	15.0μH ± 30%	1KHz 1V		HP-4291A
			V	WK3260B
L _{6~4}	15.0μH ± 30%	1KHz 1V	DC RESISTANCE METER:	
				WK3260B
DCR _{1~3}	30mΩ (Max)	KHz V	DC RESISTANCE METER:	
				WK3260B
DCR _{6~4}	30mΩ (Max)	KHz V	CURRENT SOURCE:	
			V	TH2816B+1320
IDC	3.0A(Max)	1KHz 1V	CURRENT SOURCE:	
			V	TH2816B+1320

(4) TURNS: 19.5TS(REF)

(5) MATERIAL LIST

ITEM	MATERIAL	DESCRIPTION
1	CORE	
2	WIRE	
3	BASE	
4		

REMARK:

APPROVED

CHECKED

DRAWN BY

Simon

辛海峰

劉麗

TEST DATA FOR PREPRODUCTION SAMPLES

CUSTOMER:		Part No.	302-61094		Test Q'ty:	10		PCS								
CUST P/N.		Description:	TC4426N-150P-B				Date:	2011.12.14								
MEASURE ITEM	L _{1~3} (μH)	L _{6~4} (μH)	DCR _{1~3} (mΩ)	DCR _{6~4} (mΩ)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)						
SPECIFIC	15.0	15.0	30.0	30.0	13.5	16.5	7.0	3.2	7.0	11.0						
SUGGEST	±30%	±30%	Max	Max	Max	Max	±0.5	±0.5	±0.5	Max						
1	14.64	14.55	27.5	28.0	13.06	15.86	6.96	3.22	7.03	9.81						
2	14.90	14.84	27.5	27.5	13.07	15.67	7.00	3.36	7.02	9.73						
3	15.53	15.48	27.5	26.5	13.24	15.74	6.92	3.57	7.13	9.74						
4	14.35	14.39	28.0	27.5	13.10	15.71	7.04	3.36	7.08	9.73						
5	15.05	15.10	27.0	26.5	13.06	15.62	6.99	3.23	7.07	9.76						
6	15.60	15.62	27.0	28.0	13.01	15.50	6.98	3.60	7.13	9.75						
7	14.84	14.82	27.5	26.0	13.03	15.63	7.06	3.56	7.08	9.76						
8	14.94	14.92	26.5	27.0	13.09	15.82	7.05	3.45	7.21	9.75						
9	14.81	14.73	27.0	26.0	13.19	15.75	6.84	3.67	7.18	9.73						
10	15.41	15.39	26.0	26.5	13.11	15.82	6.93	3.36	7.08	9.85						
X																
R																
TEST CONDITION	INSTRUMENTS:		TH2816B					AT:	1 KHz		1V					
	ENVIRONMENT:		TEMP:25 degree HUMDITY :65%													
	STORAGE TEMPERATURE RANGE				-40℃~+85℃											
	OPERATING TEMPERATURE RANGE				-25℃~+85℃											
REMARK:						APPROVED	CHECKED	DRAWN BY								
						<i>Simon</i>	辛海峰	劉麗								

MINGSTAR ELECTRONIC CORP.