

CUSTOMER: **G20**

承認書

SPECIFICATION FOR APPROVAL

CUST. MODEL NO.:

CUST. PART NO.: **TA2001**

PART NAME : TRANSFORMER

M.P. DESIGN NO.: G20-040-001

ISSUE DATE : 2009/09/15

承認簽章請寄回承認書一份

PLEASE RETURN TO US ONE COPY OF "SPECIFICATION
FOR APPROVAL" WITH YOUR APPROVED SIGNATURES

AUTHORIZED SIGNATURE

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SPECIFICATION FOR APPROVAL

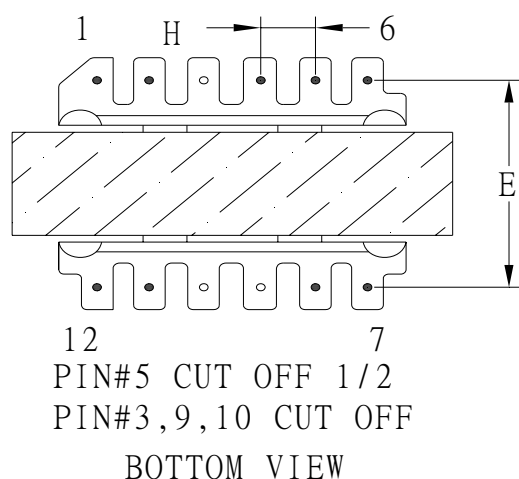
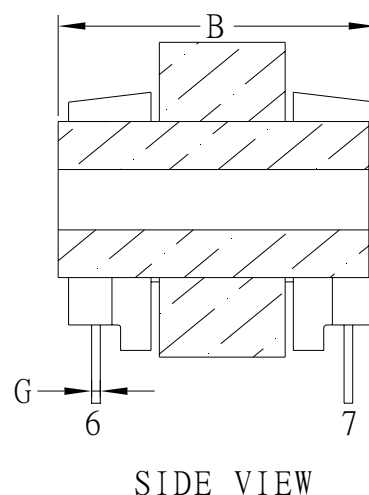
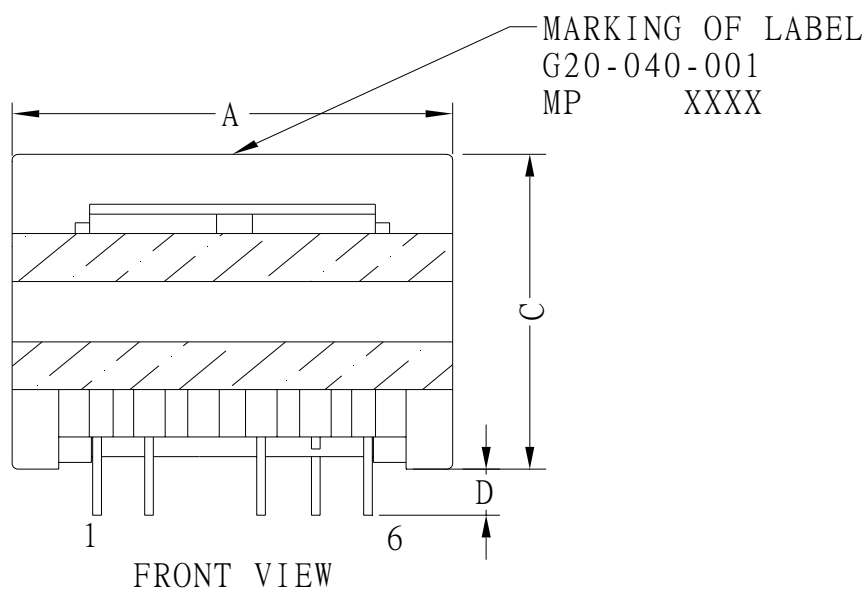
REVISIONS

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PART NAME: TRANSFORMER				PART NO.: TA2001		
MODEL: EI40				DESIGN NO.: G20-040-001		
REV.	DATE	PAGE NO.	DESCRIPTION	APPROVED	CHECKED	DESIGNED
A	2009/09/15	2 OF 7	取消外圍銅箔前 2TS 膠帶.	王小龍	鄧曉鋒	溫前平

PART NAME: TRANSFORMER	PART NO.: TA2001
MODEL: EI40	DESIGN NO.: G20-040-001

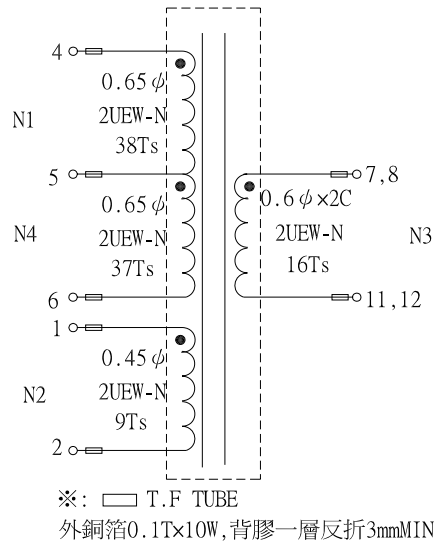
1. PHYSICAL DIMENSIONS (UNIT: m/m)



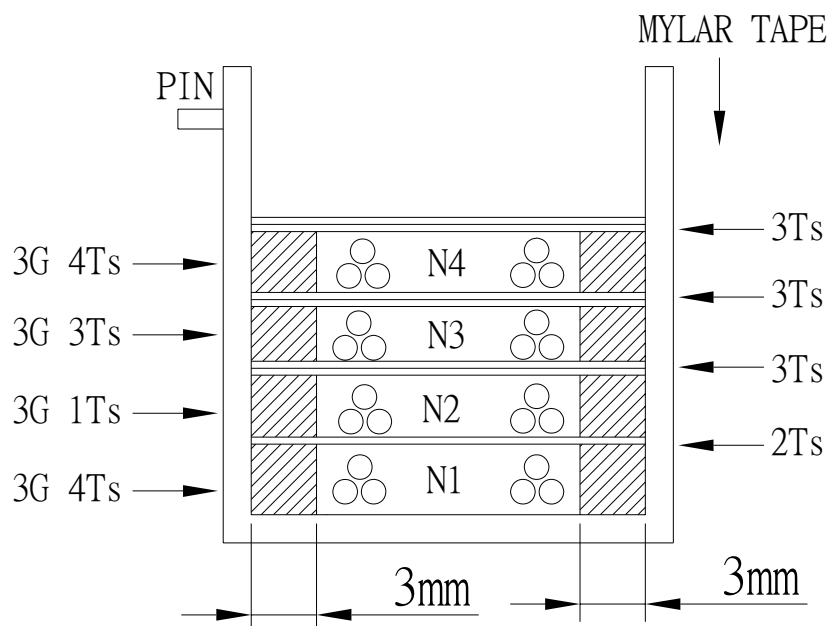
ITEM	UNIT:mm
A	44.5MAX
B	31.0MAX
C	37.0MAX
D	4.5±1.0
E	22.5±0.5
G	0.8±0.1
H	5.0±0.5

PART NAME: TRANSFORMER	PART NO.: TA2001
MODEL: EI40	DESIGN NO.: G20-040-001

2.SCHEMATIC:



3.WINDING CONSTRUCTION:





PART NAME: TRANSFORMER	PART NO.: TA2001
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4.ELECTRICAL CHARACTERISTICS:

4-1. INDUCTANCE: (AT 1KHz 0.25V)
L: (4-6): 1.24mH $\pm 10\%$

4-2. LEAKGE INDUCTANCE:

4-3. DCR: (AT: 25°C)
R: (4-6): 360m Ω MAX R: (1-2): 88m Ω MAX
R: (7.8-11.12): 46m Ω MAX

4-4. HI-POT: (AT 50Hz 5mA 1MIN)
P-S: 3.75KV AC P-C: 2.0KV AC
S-C: 2.0KV AC

4-5. INSULATION:
PRI-SEC/PRI-CORE/SEC-CORE. 100M OHM MIN. AT 500VDC

4-6. TEST EQUIPMENT : (OR EQUIVALENT)

- ☒ ZENTECH 9072A AC/DC WITHSTANDING VOLTAGE TESTER.
- ☒ ZENTECH 1062A PRECISION LCR METER
- ☒ ZENTECH 502AC MILLI OHM METER
- ☐ ZENTECH 102 LCR IMPEDANCE METER
- ☐ ZENTECH 9071A AC WITHSTANDING VOLTAGE TESTER
- ☐ ZENTECH 1310 BIAS CURRENT SOURCE
- ☐ ZENTECH 100 LCR METER
- ☐ ZENTECH 3250 AUTOMATIC TRANSFORMER TEST SYSTEM



MAIN POWER

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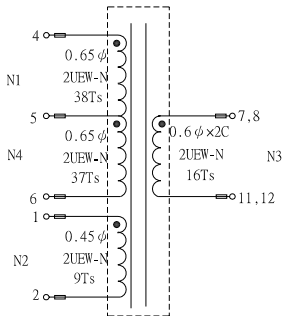
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PART NAME: TRANSFORMER			PART NO.: TA2001		
MODEL: EI40			DESIGN NO.: G20-040-001		
5. MATERIAL LIST					
ITEM	MATERIAL	SUPPLIER OF THE MATERIAL	UL FILE NO.	REPORT NO.	
BOBBIN	T375J	CHANG CHUN PLASTIC CO., LTD.	E59481	CE/2008/B3672	V
WIRE	UEWN/U MW28-C 130°C	PACIFIC ELECTRIC WIRE & CABLE (SHEN ZHEN) CO LTD.	E201757	SZR0902068357103	V
CORE	EI-40 JPP-4	A-CORE ELECTRICAL CO.,LTD.		CANEC0804361301	V
	EI-40 3C90	FERROXCUBE CO.LTD.		CANEC0900958902	V
	EI-40 P4	ACME ELECTRONICS CORPORATION		CANEC0804046201	V
TUBE	T.F TUBE CB-TT	CHANG YUAN ELECTRONICS(SHEN ZHEN)CO LTD.	E180908	CANEC0802629105	V
COPPER FILM	0.1T×10W	SHEN ZHEN WEN XIANG TECH CO;LTD.		GZ090317251/CHEM GZ090317252/CHEM	V
TAPE-T	POLYESTER FILM TAPE 1350F-1	3M COMPANY.	E17385	CE/2008/B5956	V
TAPE-M	COMPOSITE FILM TAPE NO.44D-A	3M COMPANY.	E17385	CE/2008/B5958	V
VARNISH	V-1630FS	ELANTAS ELECTRICAL INSULATION ELANTAS PDG INC(RIPLEY RESIN).	E87039	CE/2008/C0086	V
Sn	Sn Cu0~4	SHEN ZHEN TAIYO ENTERPRISES LIMITED.		CANEC0900501401	V
REMARK:					

TEST RECORD

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PART NAME: TRANSFORMER						PART NO.: TA2001					
MODEL: EI40						DESIGN NO.: G20-040-001					
ITEM	L		DCR						HI-POT		
S~F	4-6		4-6	1-2	7.8-11.12				P-S	P-C	S-C
UNIT	mH		mΩ	mΩ	mΩ				3.75KV	2.0KV	2.0KV
SPEC	1.24		360	88	46				5mA	5mA	5mA
STD	±10%		MAX	MAX	MAX				1MIN	1MIN	1MIN
1	1.22		298.8	73.4	39.0				OK	OK	OK
2	1.24		299.0	72.9	38.3				OK	OK	OK
3	1.25		300.0	73.0	38.3				OK	OK	OK
4	1.20		300.0	74.3	38.4				OK	OK	OK
5	1.23		298.5	73.5	38.5				OK	OK	OK
6											
7											
8											
9											
10											

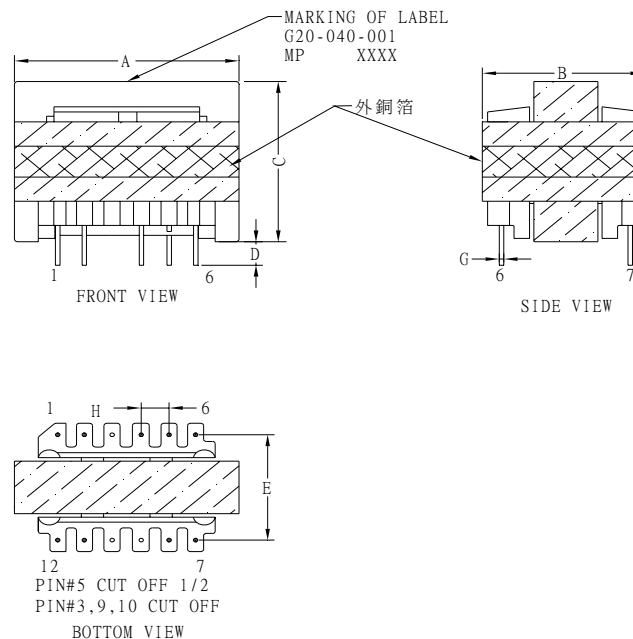


※: □ T. F. TUBE
外銅箔0.1T×10W, 背膠一層反折3mmMIN.

TEST EQUIPMENT: ☐ ZM-102LCR ☒ ZM-1062ALCR ☒ ZM-502AC ☐ ZM-1310
☒ ZM-9072 ☐ ZM-3250 (L AT 1KHz 0.25V) (DCR AT:25℃)

REMARK:	APPROVED	CHECKED	DESIGNED
	王小龍 2009/9/15	鄧曉鋒 2009/9/15	溫前平 2009/9/15

PART NAME: TRANSFORMER						PART NO.: TA2001						
MODEL: EI40						DESIGN NO.: G20-040-001						
ITEM	長		寬		高		排距		PIN 距			
S~F	A		B		C		E		H			
UNIT	mm		mm		mm		mm		mm			
SPEC	44.5		31.0		37.0		22.5		5.0			
STD	MAX		MAX		MAX		±0.5		±0.5			
1	43.0		30.0		35.2		22.3		4.9			
2	42.8		29.8		35.3		22.4		5.0			
3	42.9		29.7		35.0		22.5		4.9			
4	42.8		29.9		35.2		22.4		5.0			
5	42.9		30.0		35.3		22.5		5.0			



TEST EQUIPMENT: 游標卡尺

REMARK:

APPROVED

CHECKED

DESIGNED

王小龍
2009/9/15

鄧曉鋒
2009/9/15

溫前平
2009/9/15