

CUSTOMER: **G20**

承認書

SPECIFICATION FOR APPROVAL

CUST. MODEL NO.:

CUST. PART NO.: TA2024

PART NAME : TRANSFORMER

M.P. DESIGN NO.: G20-028-001

ISSUE DATE : 2009/9/1

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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金元祥有限公司

MAIN POWER TECHNOLOGY CO.,LTD.

金益宏電子股份有限公司

MAIN POWER ELECTRIC CO., LTD.

台灣省桃園縣八德市桃德路 64 號

NO. 64. TAO TE RD. PA TE CITY TAO YUAN HSIEN. TAIWAN

TEL : 886-3-3644777

FAX : 886-3-3644776

E-mail : sales.tw@mainpower-elec.com

東莞黃江金益宏電子廠

廣東省東莞市黃江鎮田美管理區

TIAN MEI MANAGMENT AREA, HUANG JIANG TOWN, DONG GUAN CITY

GUANG DONG PROVINCE, CHINA

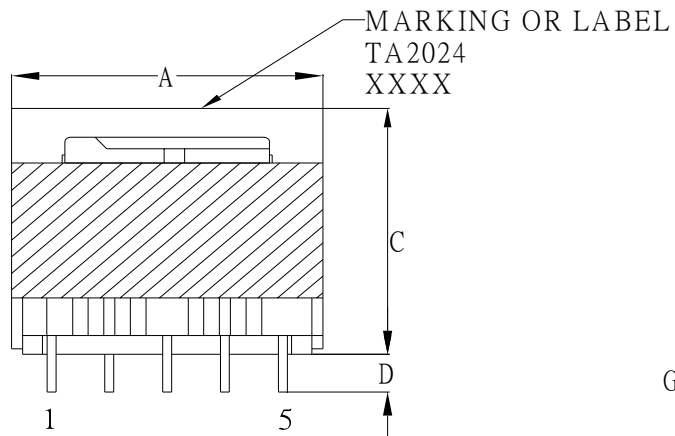
TEL : 86-769-83635211

FAX : 86-769-83635212

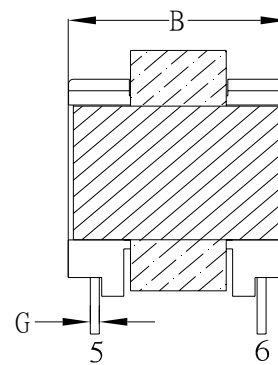
E-mail : sales.cn@mainpower-elec.com

PART NAME: TRANSFORMER	PART NO.: TA2024
MODEL: ER28/28	DESIGN NO.: G20-028-001

1. PHYSICAL DIMENSIONS (UNIT: m/m)



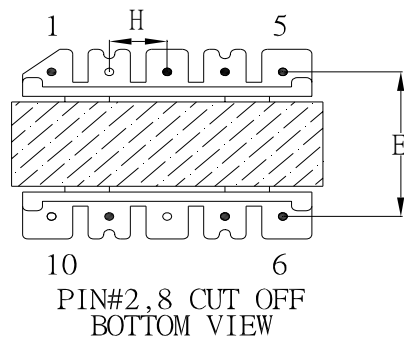
FRONT VIEW



SIDE VIEW

備註:

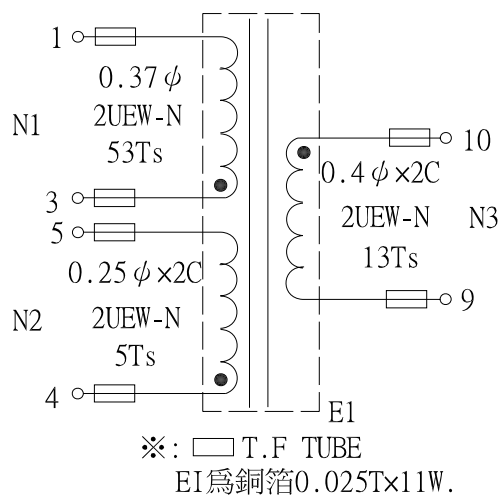
1. CORE需研磨, 研磨CORE置PIN端.
2. 成品沿線包包裸銅箔(0.05T×11W).



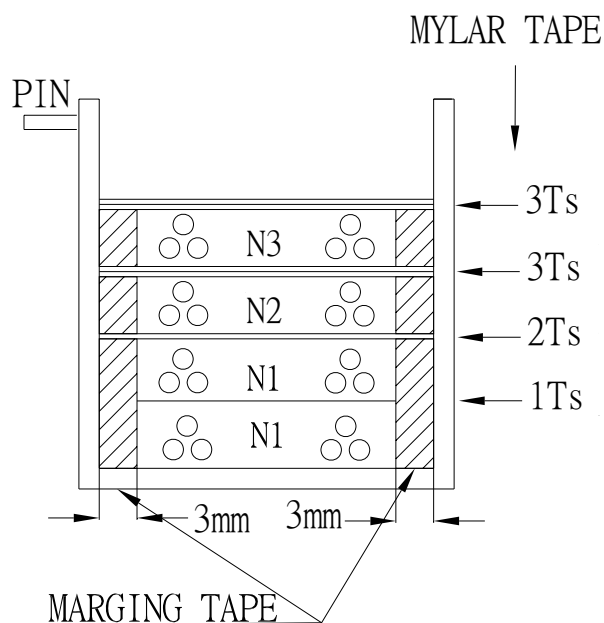
ITEM	UNIT:mm
A	31MAX
B	24MAX
C	31MAX
D	4.5±0.5
E	17.3±0.5
G	0.8±0.1
H	5.0±0.5

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2.SCHEMATIC:



3.WINDING CONSTRUCTION:



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4.ELECTRICAL CHARACTERISTICS:

4-1. INDUCTANCE: (AT 10KHz 0.1V)
L: (3-1): 508uH $\pm 10\%$

4-2. LEAKGE INDUCTANCE: (AT 10KHz 0.1V)
LK: (3-1): 25uH MAX (OTHER PIN SHORT)

4-3. DCR: (AT: 25°C)
R: (3-1): 451m Ω MAX R: (4-5): 56.4m Ω MAX
R: (10-9): 57.3m Ω MAX

4-4. HI-POT: (AT 50Hz 5mA 1MIN)
P-S: 3.75KV AC P-C: 2.5KV AC
S-C: 1.5KV 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

SPECIFICATION FOR APPROVAL

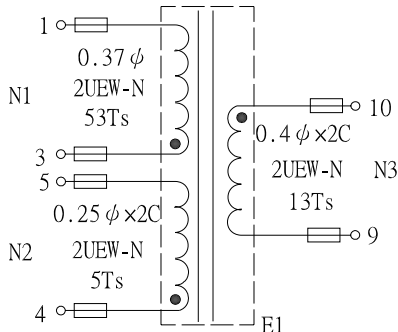
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TEST RECORD

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PART NAME: TRANSFORMER							PART NO.: TA2024					
MODEL: ER28/28							DESIGN NO.: G20-028-001					
ITEM	L	LK	DCR				HI-POT					
S~F	3-1	3-1		3-1	4-5	10-9		P-S	P-C	S-C		
UNIT	uH	uH		mΩ	mΩ	mΩ		3.75K	2.5V	1.5KV		
SPEC	508	25		451	57	57		5mA	5mA	5mA		
STD	±10%	MAX		MAX	MAX	MAX		1MIN	1MIN	1MIN		
1	506	15.4		378.1	46.4	47.9		OK	OK	OK		
2	505	15.7		383.7	46.8	47.7		OK	OK	OK		
3	512	17.0		377.0	47.0	47.1		OK	OK	OK		
4	500	14.9		378.4	46.6	47.9		OK	OK	OK		
5	508	15.5		375.7	47.2	47.7		OK	OK	OK		
6												
7												
8												



※: □ T.F TUBE
EI為銅箔0.025T×11W.

TEST EQUIPMENT: ☐ ZM-102LCR ☒ ZM-1062ALCR ☒ ZM-502AC ☐ ZM-1310

☒ ZM-9072 ☐ ZM-3250 (L AT 10KHz 0.1V) (DCR AT:25℃) (LK AT 10KHz 0.1V)

REMARK:	APPROVED	CHECKED	DESIGNED
	王小龍 2009/9/1	鄧曉鋒 2009/9/1	溫前平 2009/9/1