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www.altronics.com.au

Product Specification Sheet

Part No	Description	Supplier Ordering Info
M 7252	TRANS PCB 10VA 240/6+6V	WT0-48-028



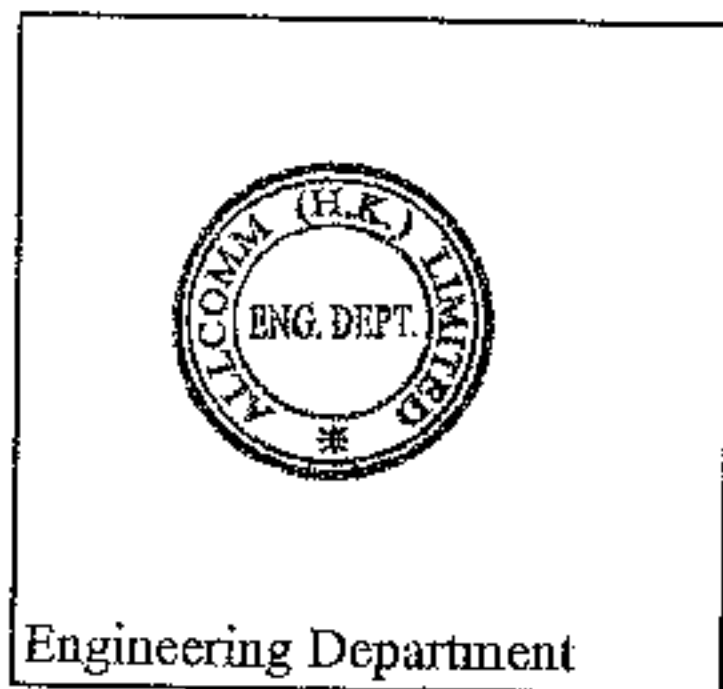
ALLCOMM (H.K.) LTD

SPECIFICATIONS FOR APPROVAL

CUSTOMER	:	Altronics
PRODUCT	:	EI-48 Power Transformer
DESCRIPTION	:	240VAC 50Hz / 6VAC×2 @ 0.83A
PART NO.	:	M 7252
UL Cat. No.	:	
REF. NO.	:	WT0-48-028
PROJECT NO.	:	WT-04267-0
DATE	:	September 9,2004

Total Customer Satisfaction

ENGINEERING DEPARTMENT

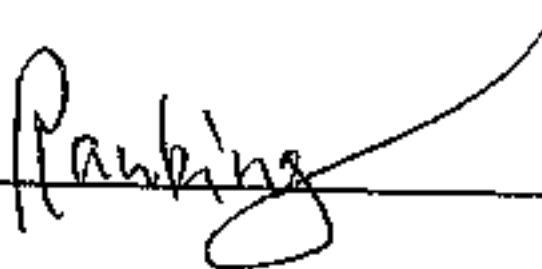


Engineering Department

APPROVED BY :

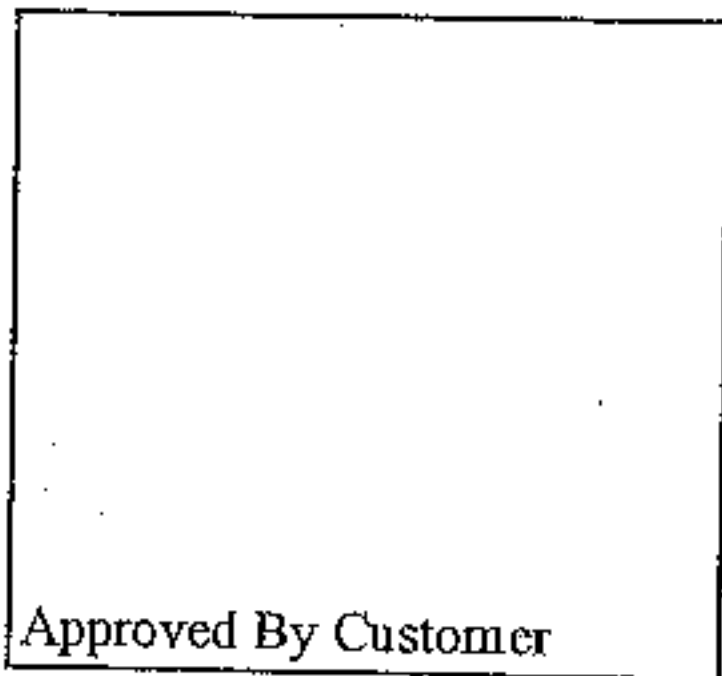


CHECKED BY :



PREPARED BY :





Approved By Customer

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ELECTRICAL SPECIFICATION

WT0-48-028

OUR PROJECT NO. WT-04267-0

UL CATALOGUE NO. :

OUR MODEL NO. : WT0-48-028

SIZE :BI-48

FILE NO. :

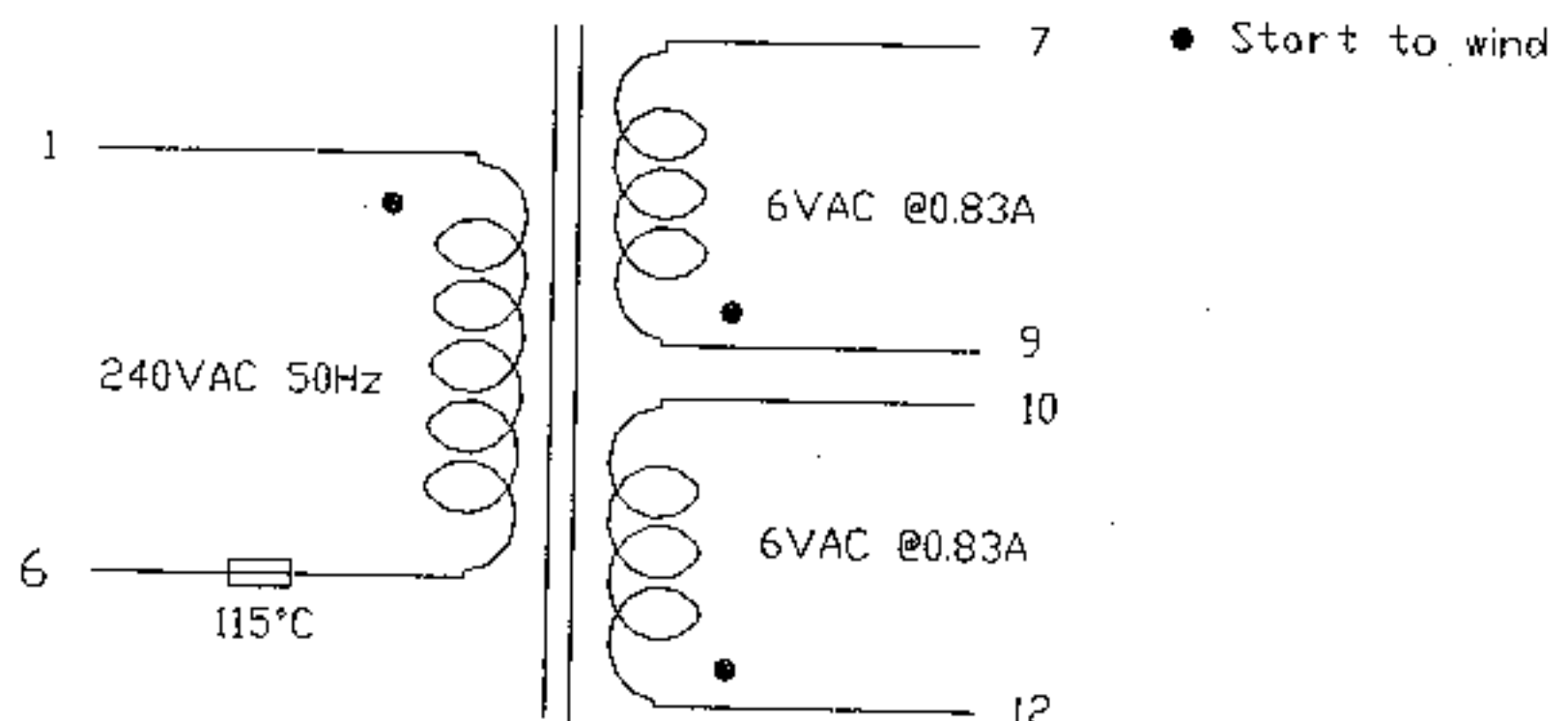
STANDARD :

DESCRIPTION : 240VAC 50Hz / 6VAC×2 @ 0.83A

PRIMARY	INPUT VOLTAGE		240VAC 50Hz		
	EXCITING CURRENT (OPEN CIRCUIT)		60mA max.		
	DC RESISTANCE ±10%		401 Ω		
SECONDARY	Input	PIN NO.	OPEN CIRCUIT VOLTAGE ± 5%	LOADED VOLTAGE± 5%	DC RESISTANCE ±10%
		7-9	7.1VAC	6 VAC @ 0.83A	
		10-12	7.1VAC	6 VAC @ 0.83A	

RATED CONTINUOUS OUTPUT POWER			
INSULATION RESISTANCE	PRIMARY - SECONDARY	100M Ohm	500VDC
	PRIMARY - CORE	100M Ohm	500VDC
DIELECTRIC STRENGTH	PRIMARY - SECONDARY	3750V	1 minute
	PRIMARY - CORE	3750V	1 minute
LEAKAGE CURRENT 2mA	SECONDARY - CORE	1500V	1 minute
TEMPERATURE RISE	SECONDARY - SECONDARY	Winding 85°C Max By Resistance Methode @254VAC 50Hz	

SCHEMATIC DIAGRAM:



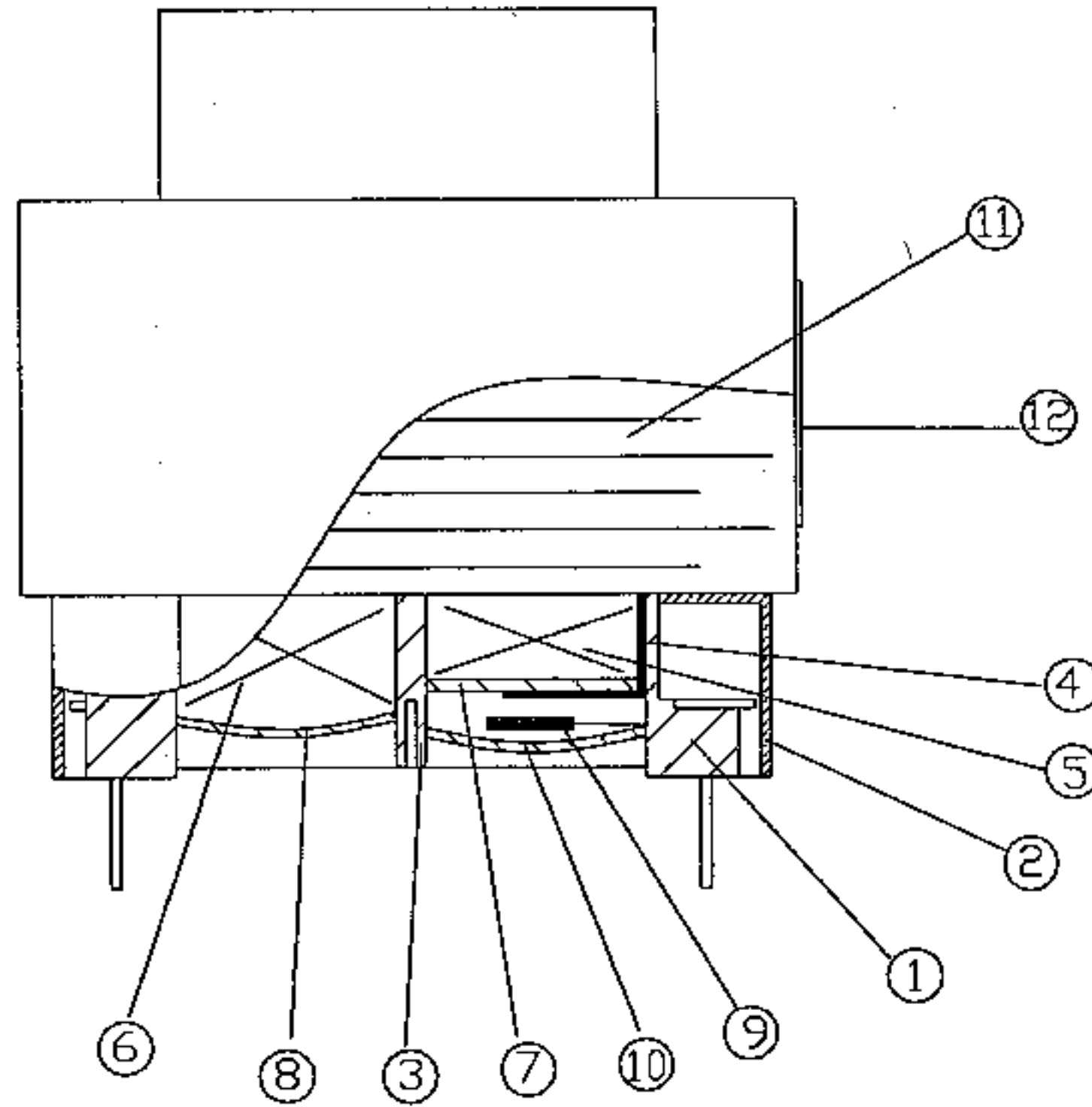
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Material List

Model: WT0-48-028


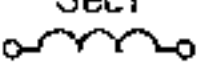
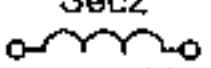
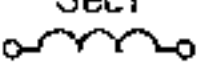
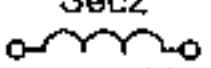

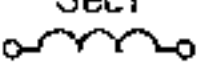
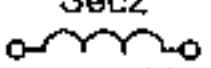
Description	Raw Material	Standard	Manufacturer
1 Bobbin	PBT D202G30 Temperature:140°C Flammability Rating:94V-0 Mininium Thickness 1.0mm	UL File E107536	Shinkong Synthetic Fibers Co.,
2 Bobbin Shroud	N+G A3EG6 Flammability Rating:HB Temperature Rating:120°C Mininium Thickness 0.6mm	UL File E135532	Basf Co.,
3 Insulation Between Pri. & Sec.	Three Flange Type Bobbin Construction 0.75mm × 2 Total Thickness 2.5mm		
4 Cross Over	Polyester Film Tape 3 Layer 0.05mm x3 Type PZ	UL File E165111	Jingjiang YaHua Pressure Sensitive Glue Co.,LTD
5 Primary Winding	MW75C 2UEW φ 0.11mm Enamelled Copper Wire	UL File E84201	TA YA Electric Wire & Cable Co.,LTD
6 Secondary Winding	MW75C 2UEW φ 0.5mm MW75C 2UEW φ 0.5mm Enamelled Copper Wire	UL File E84201	TA YA Electric Wire & Cable Co.,LTD
7 Primary Winding Wrapper	Polyester Film Tape 2 Layers 0.05mm x2 Type PZ	UL File E165111	Jingjiang YaHua Pressure Sensitive Glue Co.,LTD
8 Secondary Winding Outer Wrapper	Polyester Film Tape 2 Layers 0.05mm x2 Type PZ	UL File E165111	Jingjiang YaHua Pressure Sensitive Glue Co.,LTD
9 Thermal Fuse	A2-1A Type 115°C 250V	VDE 40005586	Aupo Electronics Ltd.,
10 Primary Winding Outer Wrapper	Polyester Film Tape 2 Layers 0.05mm x2 Type PZ	UL File E165111	Jingjiang YaHua Pressure Sensitive Glue Co.,LTD
11 Lamination	Silicon Steel EI-48 with 4 holes at corners Stack Height:18.5mm		Yau Hing Electrical Steel & Cores Ltd.
12 Marking Plate	Paper Label		Made In China
13 Impregnation	Insulation Varnish		Hong Da Tong Chemical Co., Ltd

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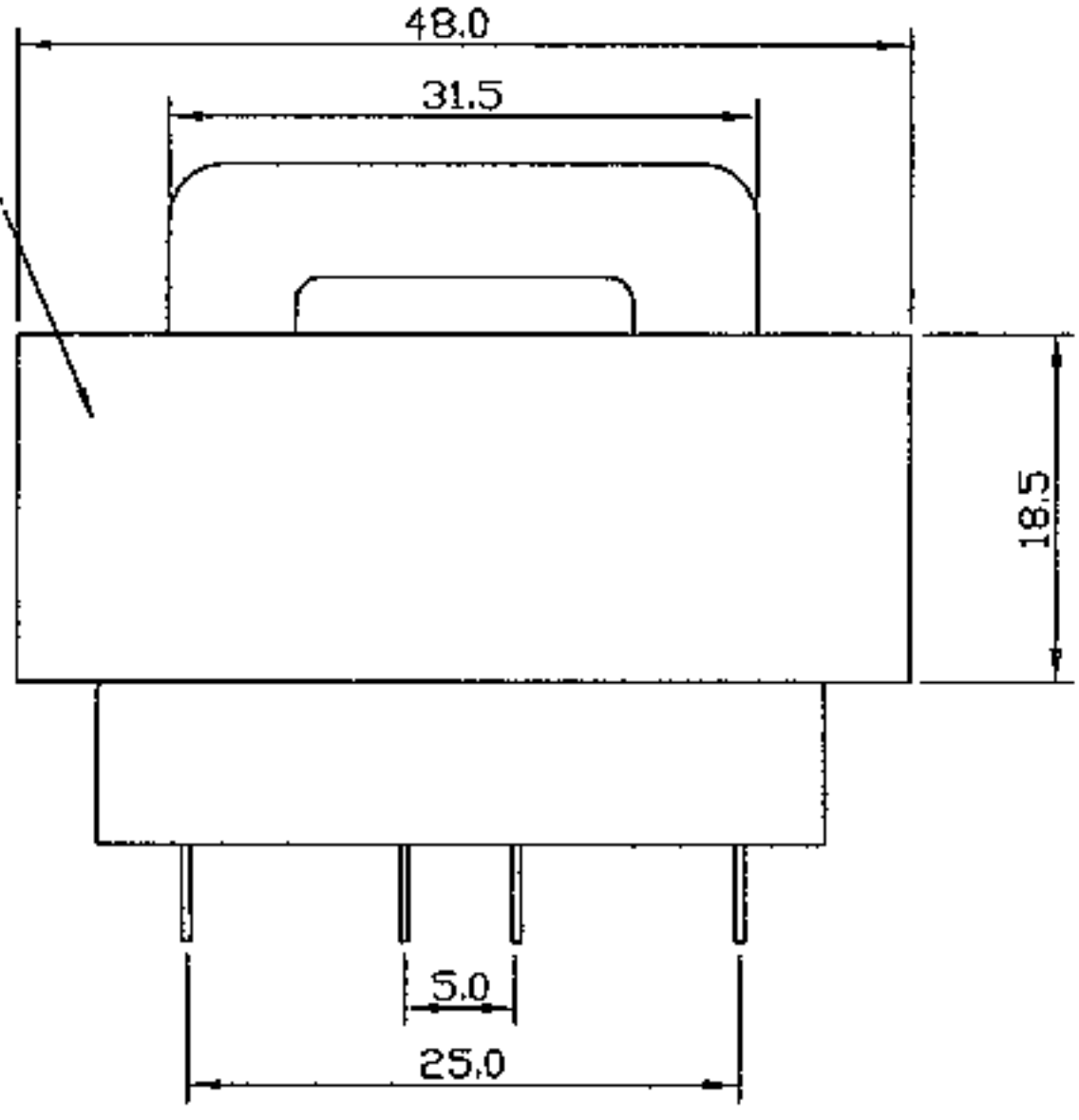
- | | |
|--------------------------------------|---------------------------------------|
| 1. Bobbin | 7. Pri. Winding Wrapper |
| 2. Bobbin Shroud | 8. Secondary winding
Outer Wrapper |
| 3. Insulation Between
Pri. & Sec. | 9. Thermal Fuse |
| 4. Cross Over | 10. Primary Winding
Outer Wrapper |
| 5. Primary Winding | 11. Lamination |
| 6. Secondary Winding | 12. Marking Plate |

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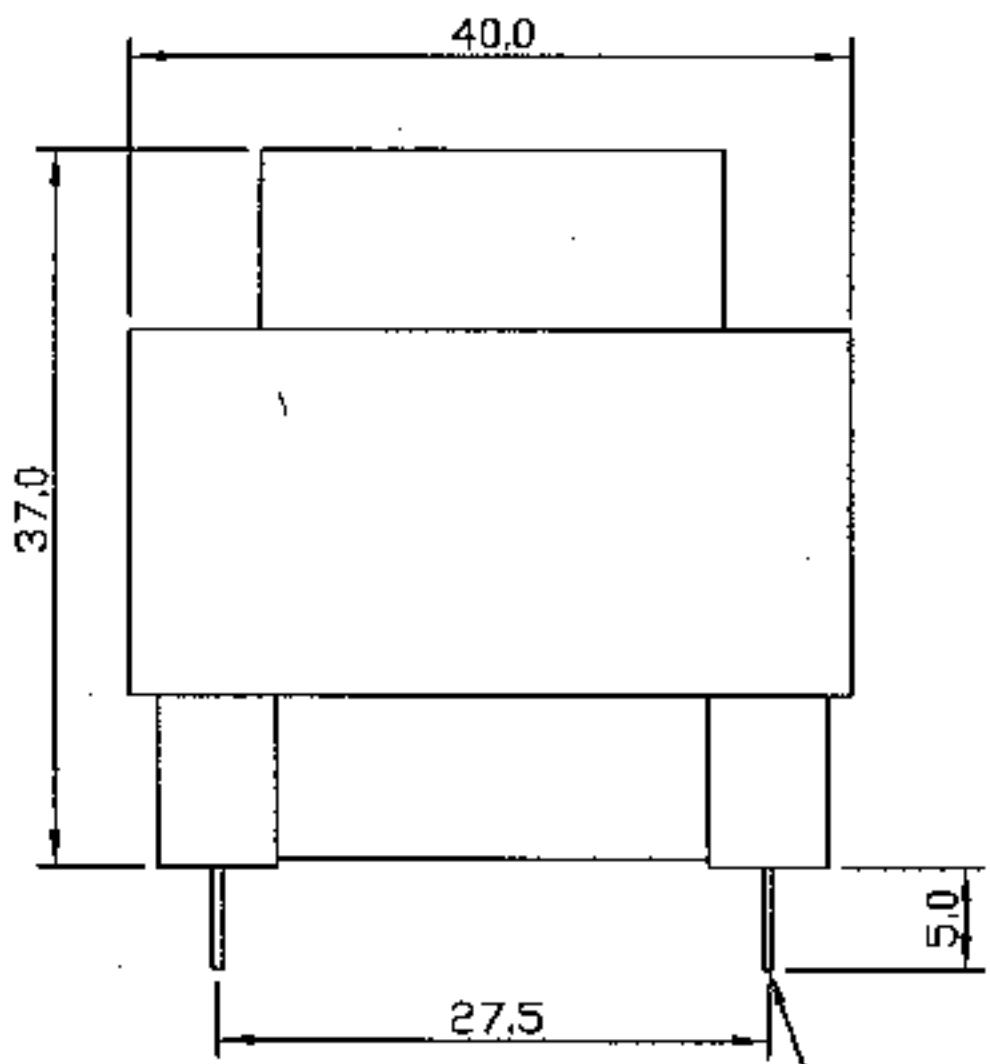
<p>240V 50Hz Primary Internal Fuse</p> 	<p>POWERTRAN[®] Made in China WYYY</p>	<p>Secondary</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"> <p>Sec1 6V 0.83A</p>  </td> <td style="text-align: center;"> <p>Sec2 6V 0.83A</p>  </td> </tr> </table>	<p>Sec1 6V 0.83A</p> 	<p>Sec2 6V 0.83A</p> 	 <p>Model M 7252 Primary 240V 50Hz Primary Fuse: Internal Total VA Rating: 10VA Approval: Q04081 Manufactured to AS/NZS 61558.2.6</p>
<p>Sec1 6V 0.83A</p> 	<p>Sec2 6V 0.83A</p> 				

Label: stick around four sides as drawing

Date code: WW: Week
YY: Year

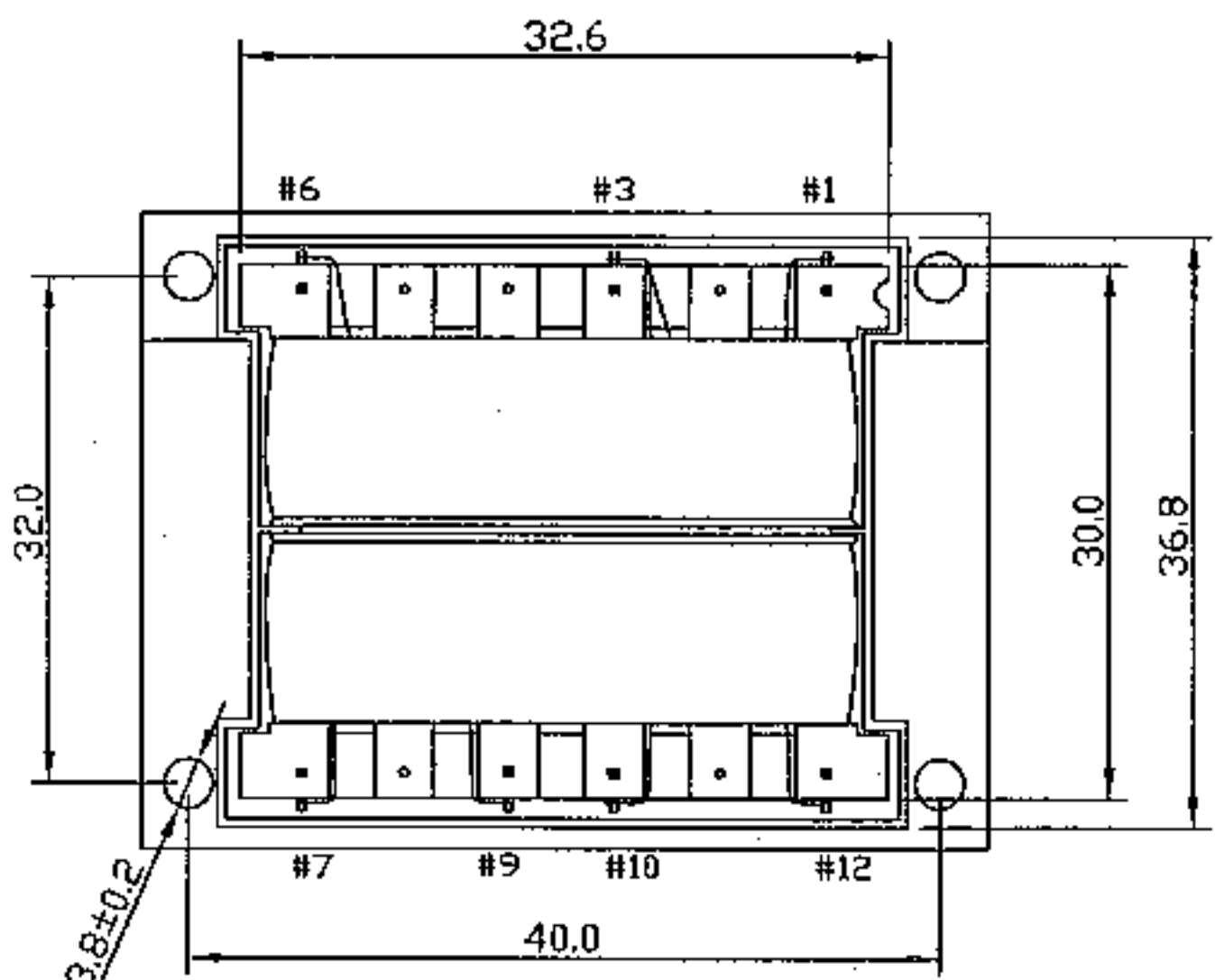


Front View



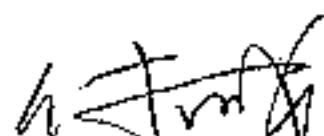


0.64 Square Pin

Side View



Bottom View

NOTE:
1. UNIT IN MM;
2. GENERAL TOLERANCE: ± 1
3. Pin #2, #4, #5, #8, #11 REMOVED, Pin #3 SHOULD BE CUT OFF.

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华泰制品厂
Alltrionics Manufacturing Company

MODEL NO. WT0-48-028

PROJECT NO. WT-04267-0

DESCRIPTION: 240VAC 50Hz / 6VAC×2 @ 0.83A

INPUT		240VAC 50Hz				OUTPUT :				6VAC×2 @ 0.83A				
No.	INPUT EXCITING CURRENT	INPUT LOAD POWER	OUTPUT NO LOAD VOLTAGE	OUTPUT NO LOAD VOLTAGE	OUTPUT NO LOAD VOLTAGE	INPUT RATED CURRENT	INPUT RATED POWER	OUTPUT VOLTAGE @0.83A	OUTPUT VOLTAGE @0.83A	OUTPUT VOLTAGE	Hi-Pot	Pri:	Sec1:	Sec2:
	60mA Max. (mA)	Ref. (W)	Pin(7-9) 7.1VAC±5% (V)	Pin(10-12) 7.1VAC±5% (V)	Pin(10-12) 7.1VAC±5% (V)	Ref. (mA)	Ref. (W)	Pin(7-9) 6VAC±5% (V)	Pin(10-12) 6VAC±5% (V)	V/1Min	Pin(1-6) 401Ω±10% (Ω)	Pin(7-9) Ref. (Ω)	Pin(10-12) Ref. (Ω)	
1	45.6	1.36	7.14	7.14	7.14	60.3	12.65	6.00	6.01	OK	424	0.59	0.58	
2	44.7	1.30	7.14	7.14	60.3	12.65	6.03	6.04	6.04	OK	401	0.58	0.59	

remark:

- 1. Ambient Temperature: 23°C
- 2. Test Equipment:
 - ① HIOKI 3540
 - ② AC Power Source Model: APW-105
 - ③ Fluke 45 Dual Display Multimeter
 - ④ Fluke 175 True Rms Multimeter
 - ⑤ Digital Watt Ammeter 1310
 - ⑥ 7110AC Withstand Voltage Tester

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RM 1108, 11/F., EASTWOOD CENTRE, NO. 5, A KUNG NGAM VILLAGE RD, SHAU KEI WAN, HK.
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