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## Product Specification Sheet

Part No	Description	Supplier Ordering Info
M 7012A	TRANS PCB 3VA 240/6V+6V	WT0-35-017



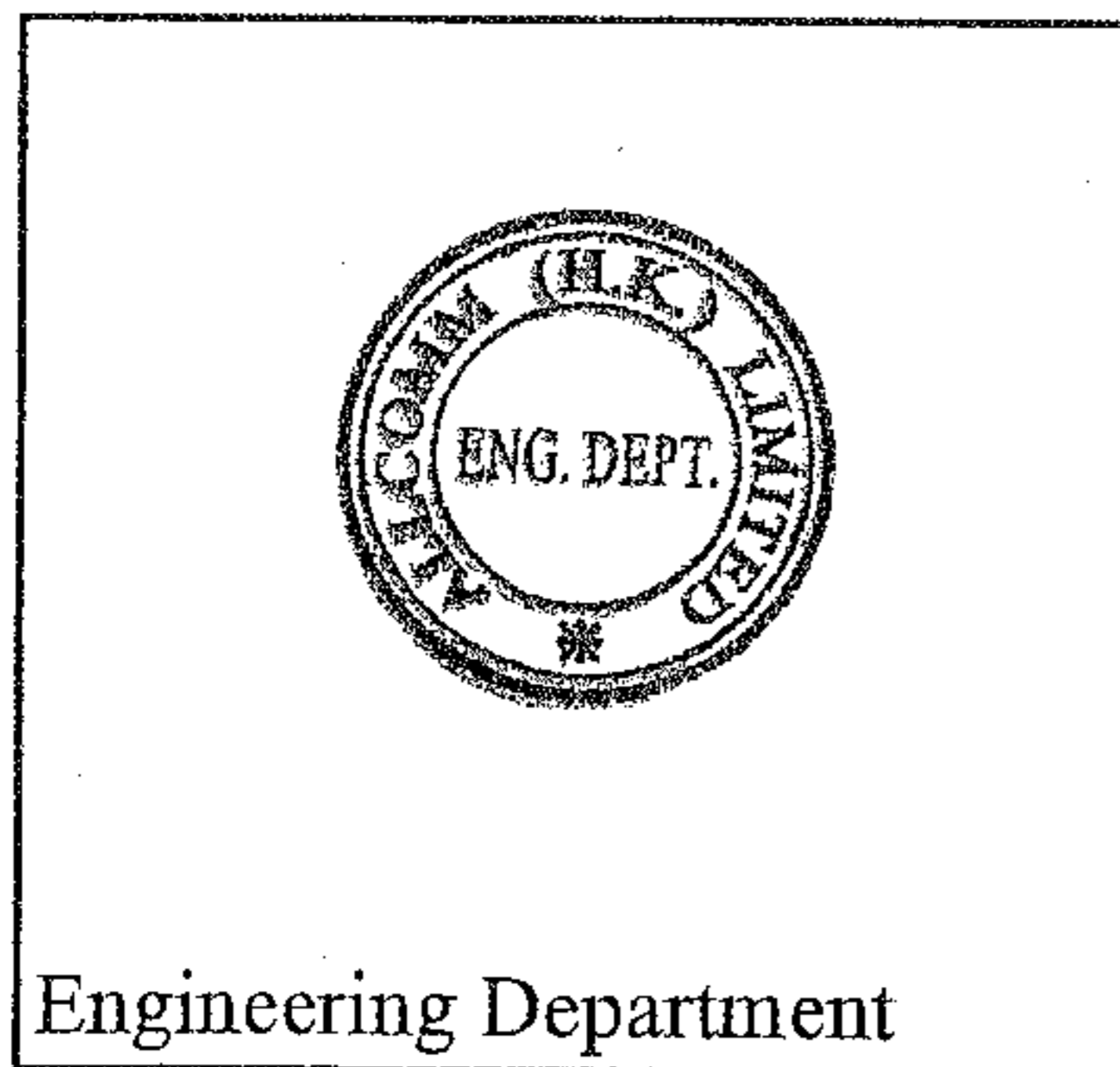
# ALLCOMM (H.K.) LTD

## SPECIFICATIONS FOR APPROVAL

CUSTOMER	:	Altronics
PRODUCT	:	EI-35 Power Transformer
DESCRIPTION	:	240VAC 50Hz / 6VAC ×2 @ 0.25A
PART NO.	:	M 7012A
UL Cat. No.	:	
REF. NO.	:	WT0-35-017
PROJECT NO.	:	WT-04260-0
DATE	:	September 8, 2004


### Total Customer Satisfaction

#### ENGINEERING DEPARTMENT

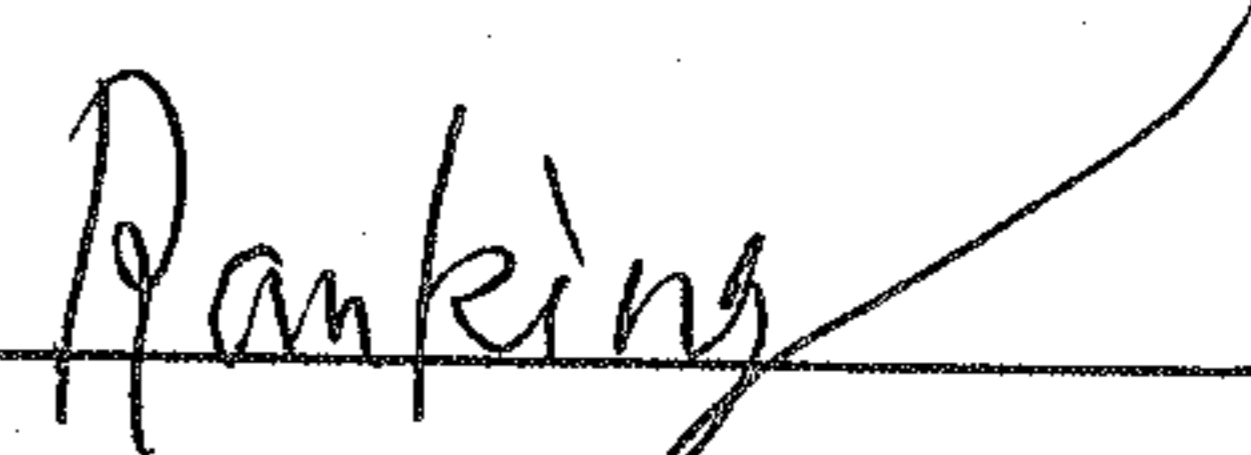


Engineering Department

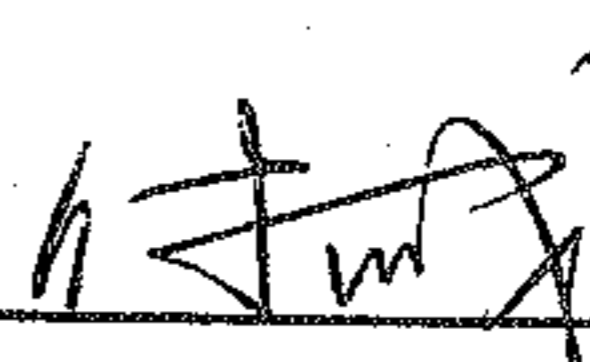
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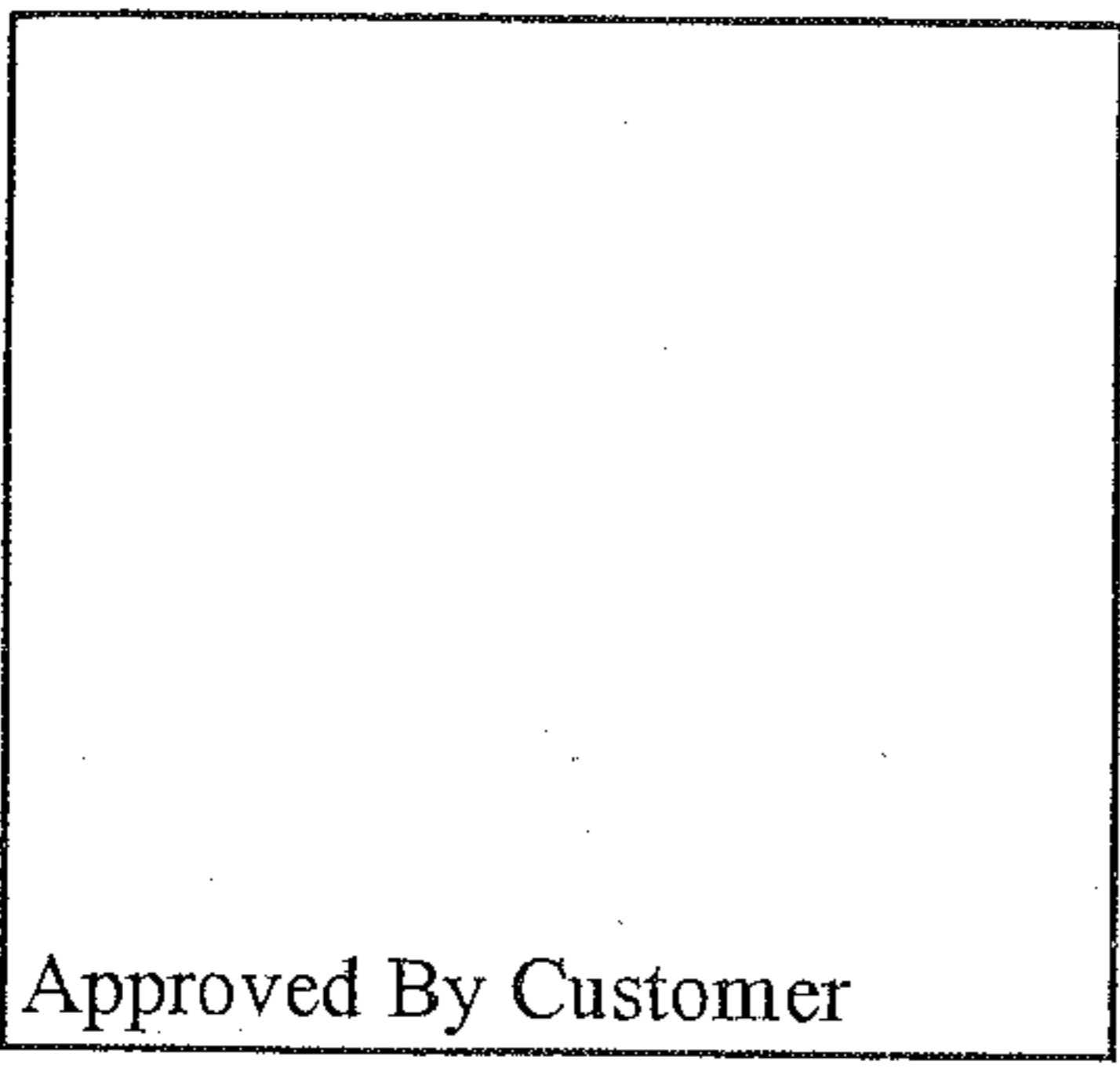


CHECKED BY :



PREPARED BY :





Approved By Customer

#### ALLCOMM (H.K.) LTD

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# ELECTRICAL SPECIFICATION

WT0-35-017

OUR PROJECT NO. WT-04260-0

UL CATALOGUE NO. :

OUR MODEL NO. : WT0-35-017

SIZE :EI-35

FILE NO. :

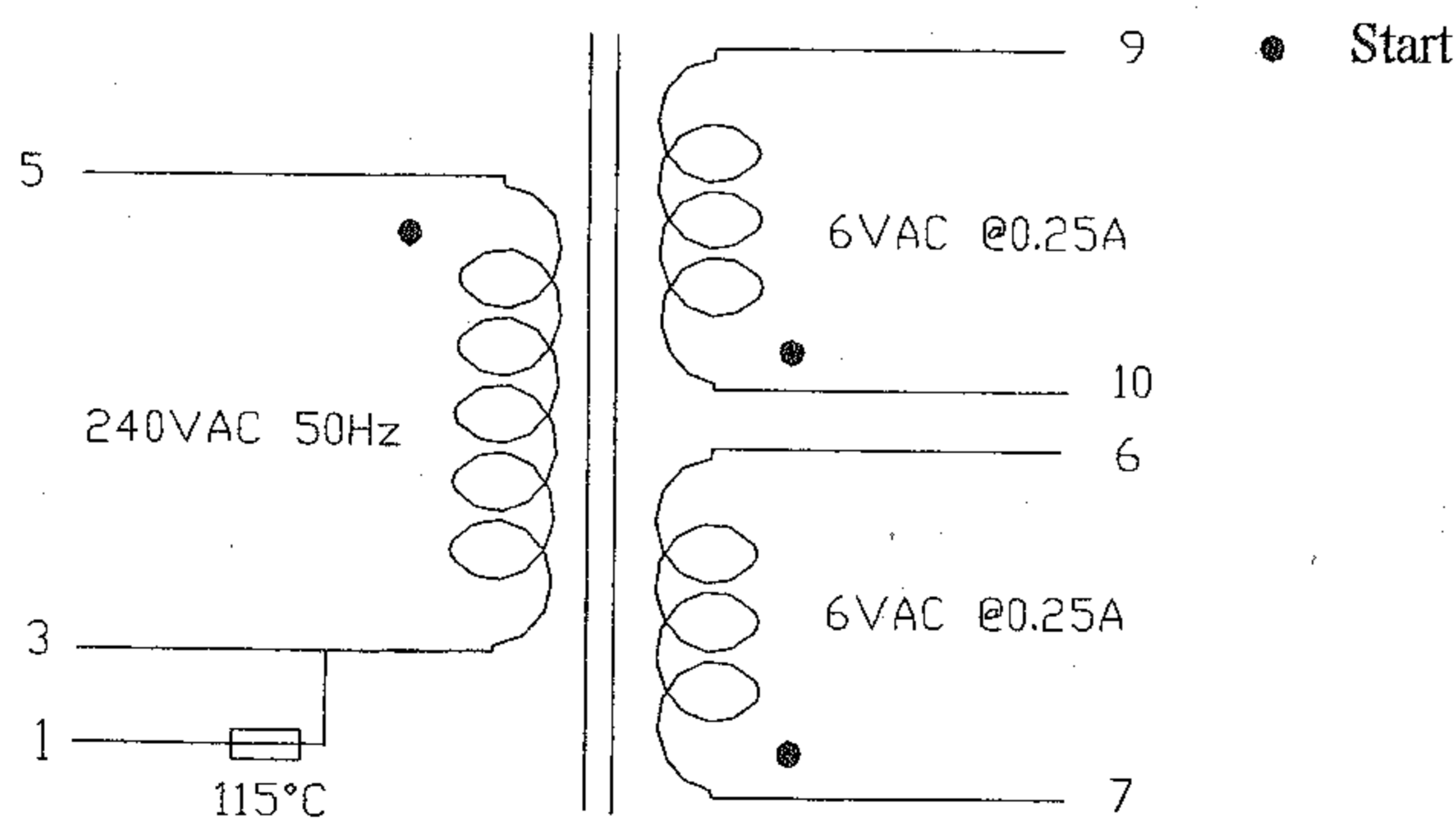
STANDARD :

DESCRIPTION : 240VAC 50Hz / 6VAC ×2 @ 0.25A

PRIMARY	INPUT VOLTAGE		240VAC 50Hz		
	EXCITING CURRENT (OPEN CIRCUIT)		25mA max.		
	DC RESISTANCE ±10%		1600 Ω		
SECONDARY	Input	PIN NO.	OPEN CIRCUIT VOLTAGE ± 5%	LOADED VOLTAGE ± 5%	DC RESISTANCE ±10%
		9-10	7.7VAC	6VAC @0.25A	
		6-7	7.7VAC	6VAC @0.25A	

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	SECONDARY - CORE	1500V	1 minute
CURRENT 2mA	SECONDARY - SECONDARY		
TEMPERATURE RISE	AT RATING LOAD	Winding 85°C Max By Resistance Methode @254VAC 50Hz	

**SCHEMATIC DIAGRAM:**



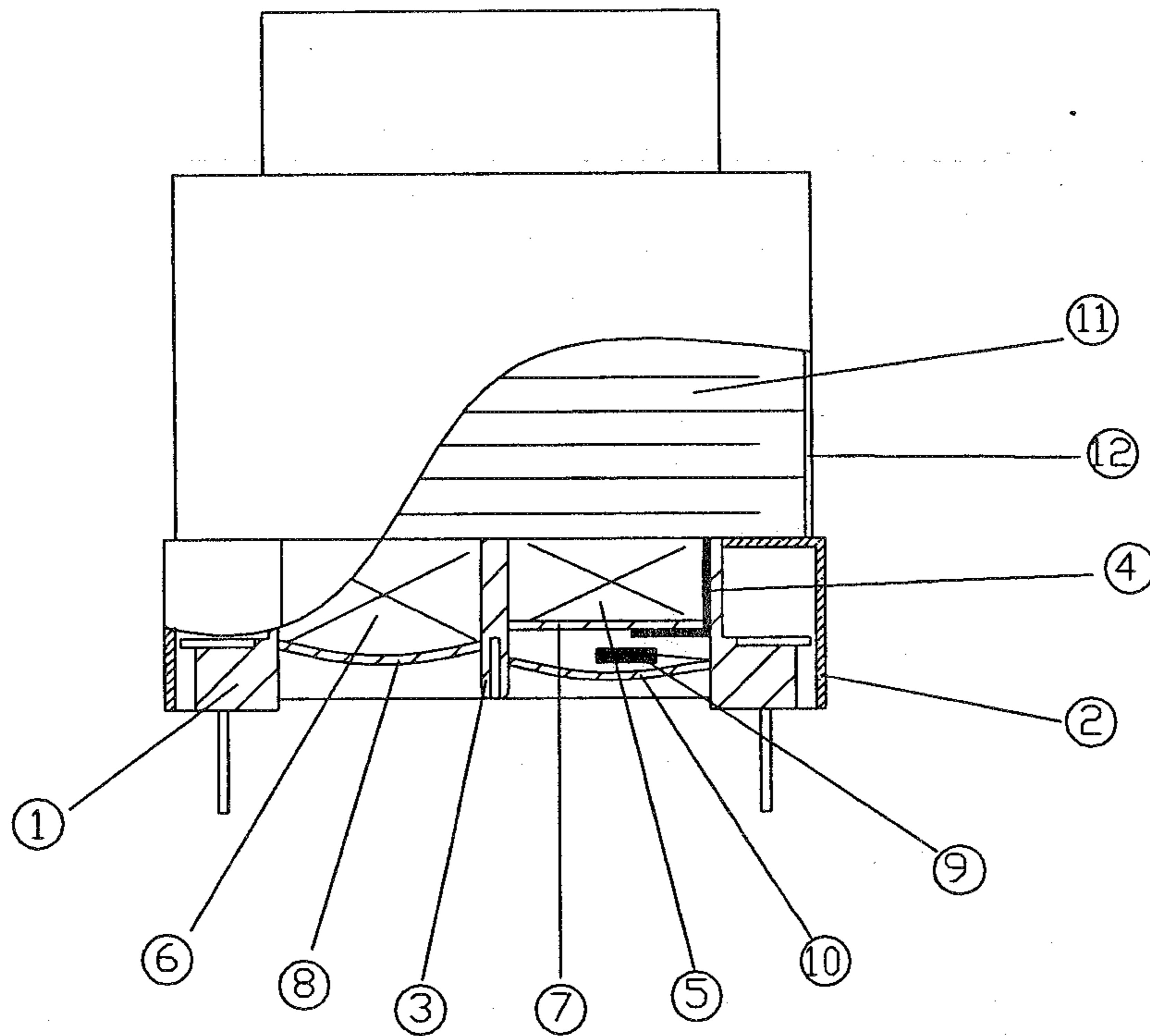
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**Material List**

**Model: WT0-35-017**

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 0.07mm Enamelled Copper Wire	UL File E84201	TA YA Electric Wire & Cable Co.,LTD
6 Secondary Winding	MW75C 2UEW φ 0.27mm MW75C 2UEW φ 0.27mm 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-35 Stack Height:12.5mm		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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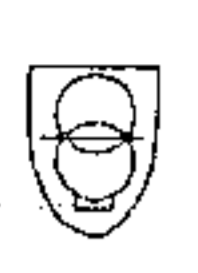

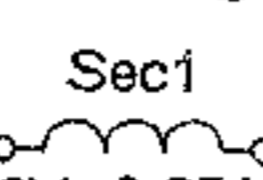
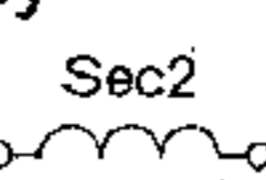


- |                                      |                                       |
|--------------------------------------|---------------------------------------|
| 1. Bobbin                            | 8. Secondary Winding<br>Outer Wrapper |
| 2. Bobbin Shroud                     | 9. Thermal Fuse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

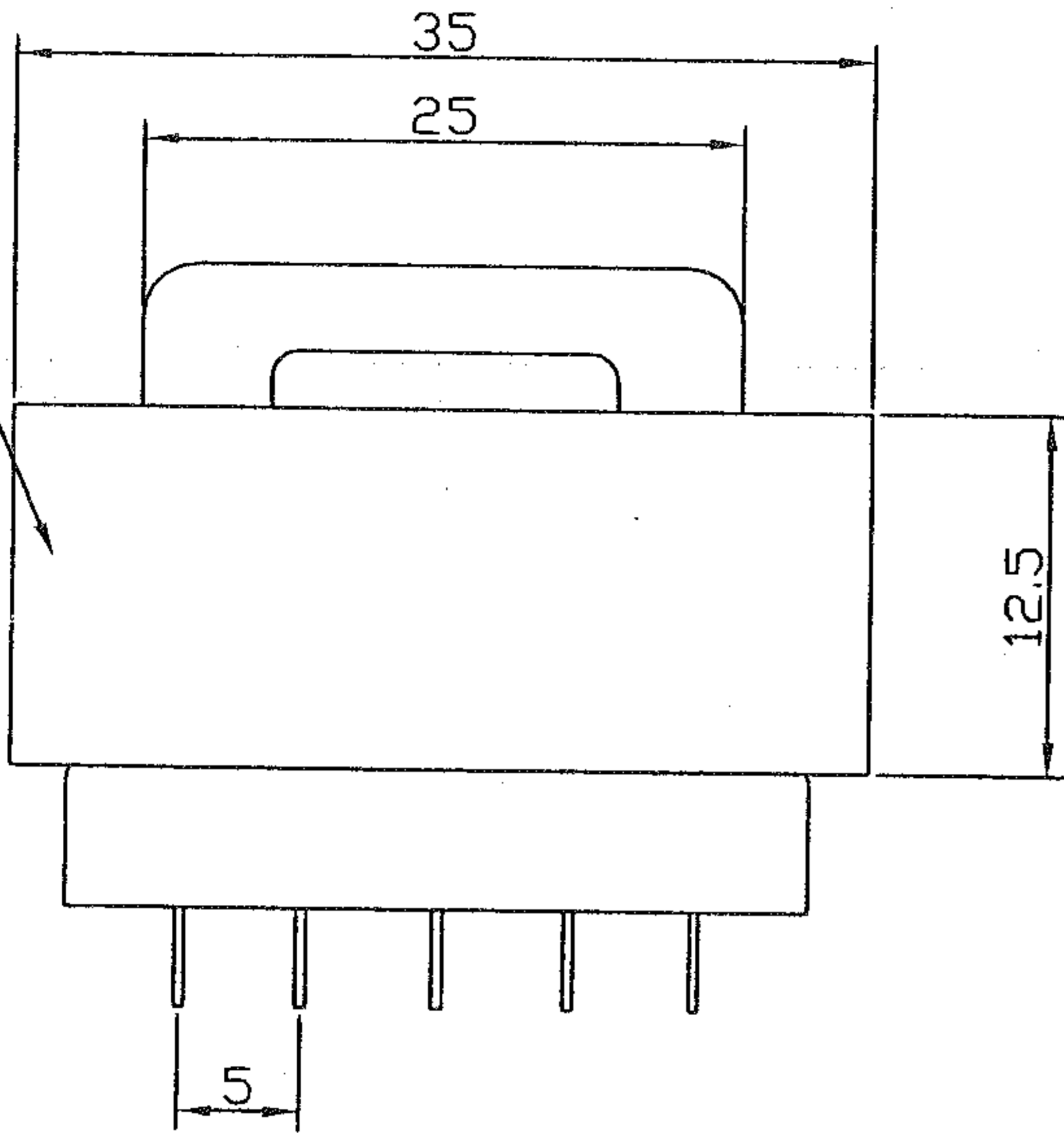
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# MECHANICAL SPECIFICATION

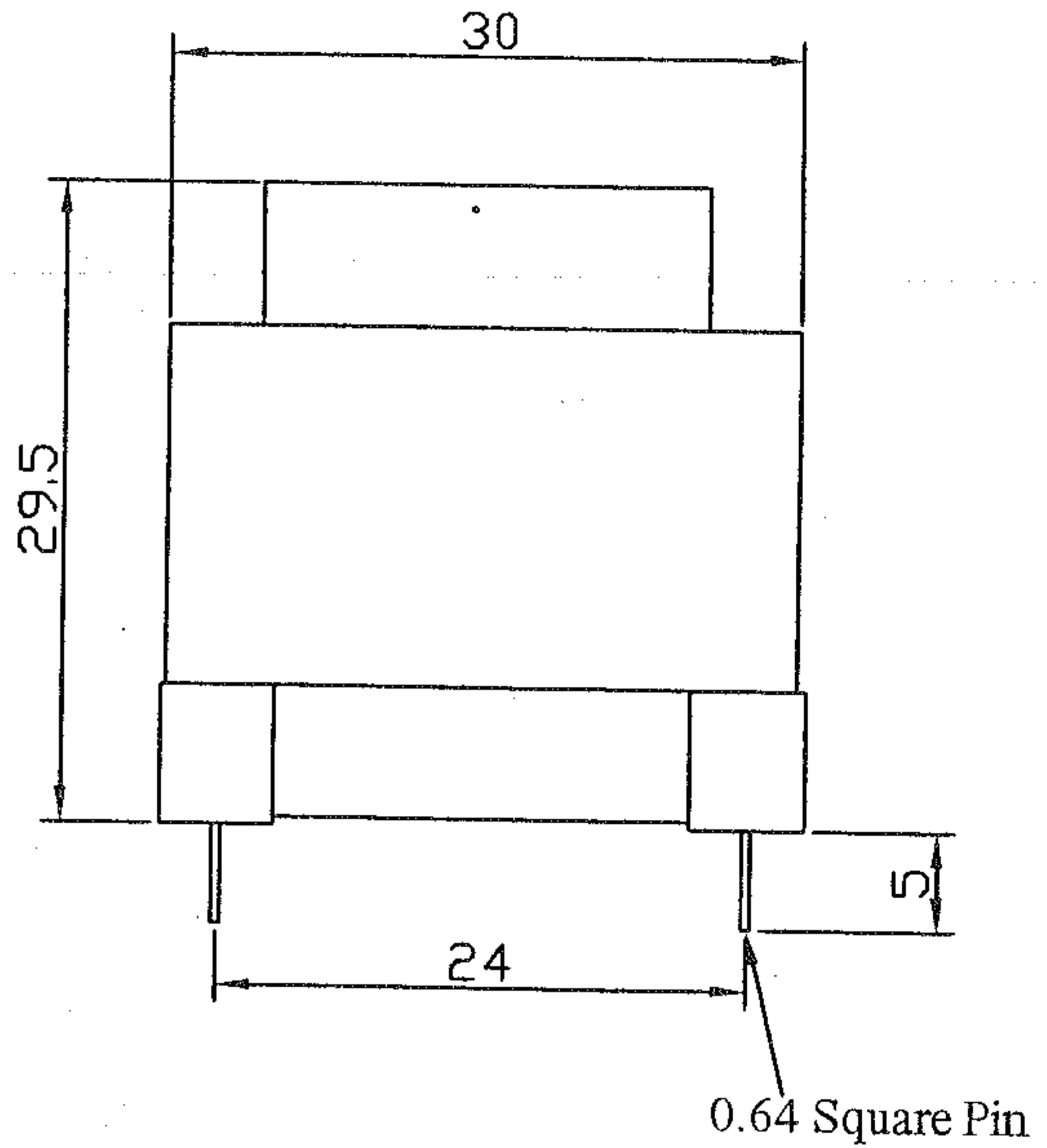
MODEL: WT0-35-017

 240V 50Hz Primary Internal Fuse	 Made in China www	Secondary		Model M 7012A Primary 240V 50Hz Primary Fuse: Internal, Total VA Rating 3VA Manufactured to AS/NZS 61558.2.6 Approval: Q04081
		Sec1  6V 0.25A	Sec2  6V 0.25A	

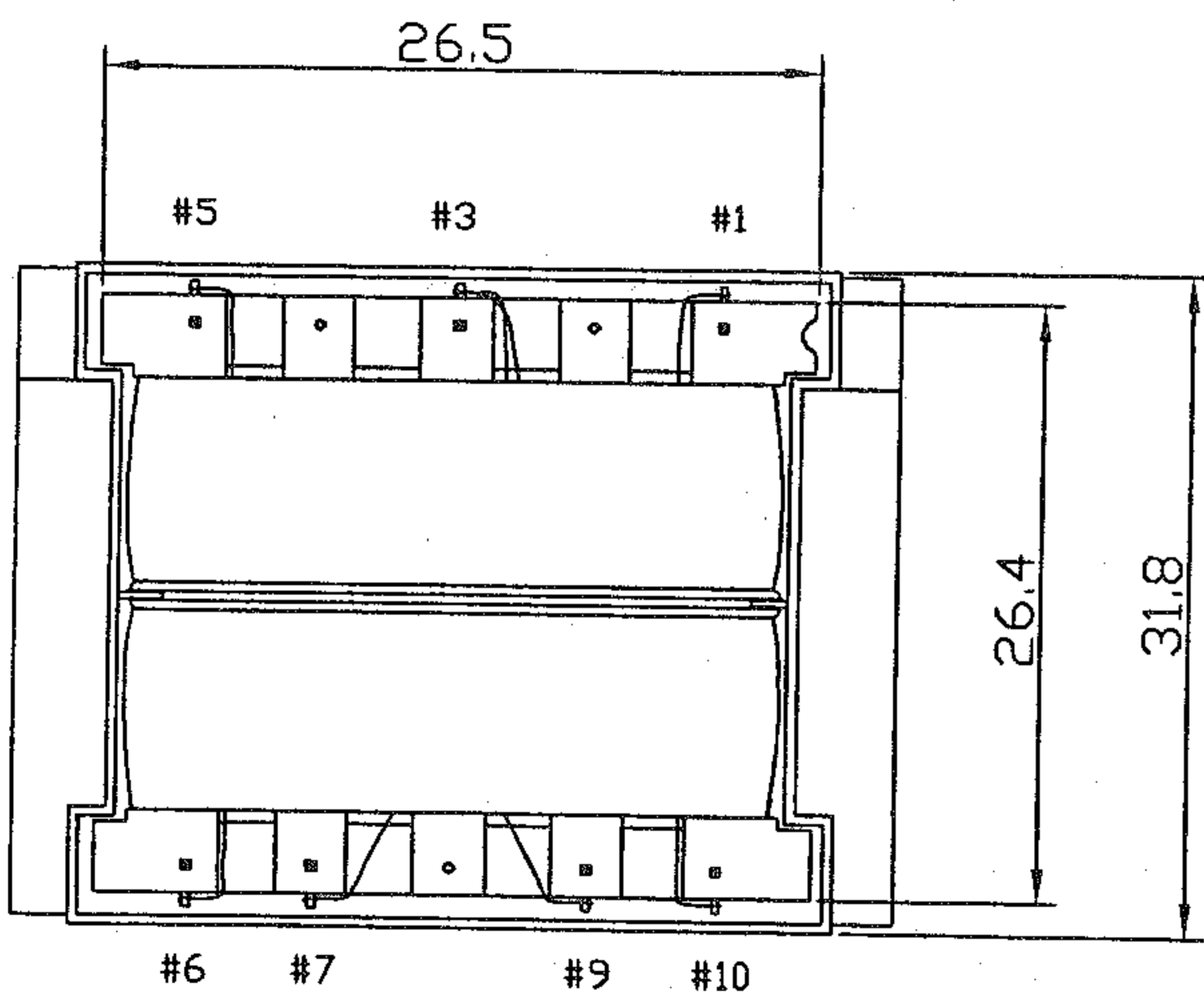
Label: Stick label around four sides as drawing



Front View

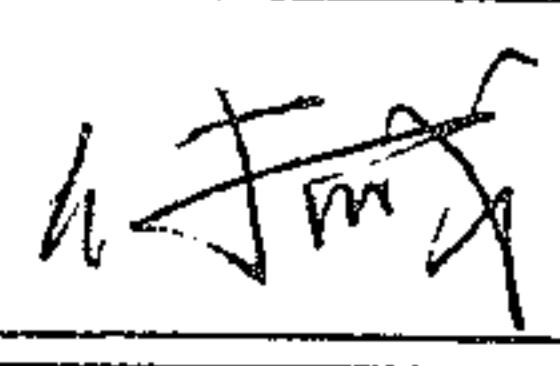
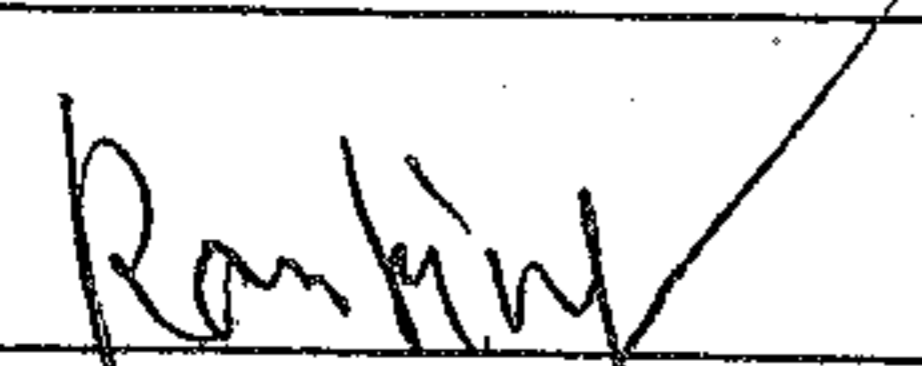
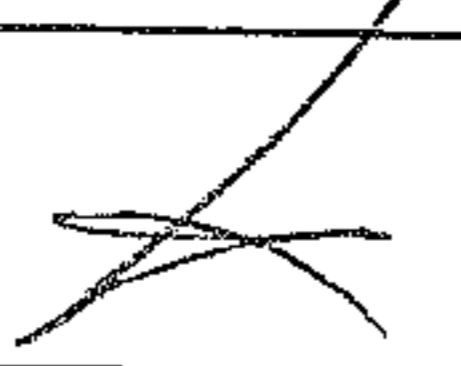


Side View



Bottom View

- NOTE:
1. UNIT IN MM;
  2. GENERAL TOLERANCE:  $\pm 1$  mm
  3. Pin#2, #4, #8 REMOVED.

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