

SPEC NO: 035-0059

PART NO: DTR050150-P5



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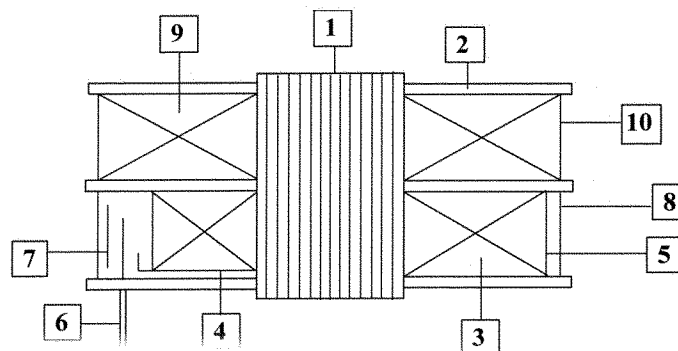
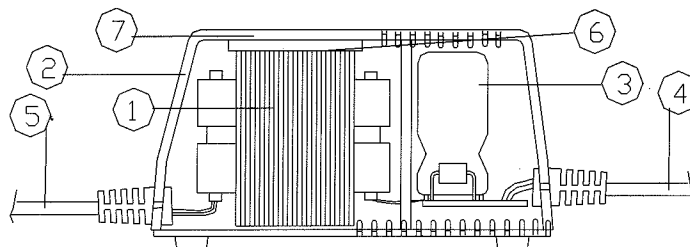
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DATE: 06/22/00

All information contained herein applies only to the above listed part number. Other versions of this part number with electrical or mechanical variations are available. Contact CUI Inc. for further assistance. 9615 SW Allen Blvd., Ste. 103, Beaverton OR 97005
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Parts Name	Specification	Q'ty
1. Transformer	EI- 57	1
2. Enclosure	Noryl SE-100	1
3. PCB. Assembly		
PCB.	Phenolic 94V-0, 105□	1
Diode	50V 3 A ; 50V 1A	2/1
Capacitor	4700uf 16V 105 □	1
	47uf 25V 105 □	1
Ceramic Capacitor	0.1 uf 50V	2
	0.02uf 50V	2
IC	3522	1
Resistor	100 ohm 1/2W	1
	2.7 ohm 1/2W	1
Current Fuse	5 A 250 V Slow-Blow	1
Ins. Cur. Fuse	PVC Sleeving Tubing 105 300V	1
Heat Sink	Aluminum	1
4. Output Cord	AWG# 18 SPT-1 6 ft min.	1
5. Input Cord	AWG# 18SPT-2 3C 6 ft min.	1
6. Foam	94HF-2 or FR212	1
7. Name Plate	Polyester Film	1



Part Name	Material & Type	Spec or Q'ty
1. Core	Silicon Steel	0.35 mm
2. Bobbin	Polybutylene Terephthalate Valox 420-SEO	0.71mm min.
3. Primary Winding	NEW Thermelt Copper Wire 2NEW Polyurethane Enameled Copper Wire	mm 0.27 mm
4. Primary Crossover	Acetate Tape	0.18mmx2PCS
5. Insulation Between Primary Lead Winding	Insulation Paper	0.125mmx3T
6. Primary Terminal	Tin Plated Copper With Paper	1 Set
7. Primary Outer Wrap	Insulation Paper	0.25mmx1PC
8. Primary Outer Wrap	Mylar Tape	0.025mmx2T
9. Secondary Winding	Polyurethane Enameled Copper Wire	0.75 mm
10. Secondary Outer Wrap	Mylar Tape	0.025mmx2T



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ITEM		SPEC	SAMPLE									
			1	2	3	4	5	6	7	8	9	10
Primary Exciting Current	100 mA											
Input 120VAC , 60Hz	nax	34										
Primary Load Current	240 mA											
Input 120VAC , 60Hz	max	191										
Secondary No Load	5 V											
DC Voltage	± 5 %	5.37										
Secondary DC Voltage	5V											
Load 1500mA	± 5%	5.16										
Secondary Voltage	V											
Load mA	± %											
Secondary Voltage	V											
Load mA	± %											
Secondary Voltage	V											
Load mA	± %											
Ripple Voltage (PK-PK)	50m V											
Load 1500mA	max	10										
Hi-Pot Test	Pri. toSec	1.5 kvac	OK									
2mA for	Pri. to core	1.5 kvac	OK									
1Minute.	Sec. to Core	1 kvac	OK									
Temperature Rise: 70° MAX Measured By Resistance Method (Primary Winding)												
Coil Form: SPLIT BOBBIN												
Core : EI- 57												
Testing Circuit:												
Output Plug Drawing: PLUG:5.5x2.1mm												
Output conductor length: 6 ft TYP. (AWG# 18SPT-1)												
Input conductor length: 6 ft TYP. (AWG# 18SPT-2 3C)												
(V) Characteristic Curve												
(mA)												

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