

PART NUMBER RECORD

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DESCRIPTION

PWR SUPPLY, WALL MT, US, 12V, 1A	POWER SUPPLY, WALL MOUNT, US VERSION, 120 VAC/60 HZ
	INPUT, 12 VDC, 1 AMP OUTPUT CONNECTOR DIA.2.5/5.10MM, RIGHT ANGLE

APPROVED SUPPLIERS:

Supplier	AULT	Supplier	
Manufacturer's Part Number	P48121000A140G	Manufacturer's Part Number	
Supplier		Supplier	
Manufacturer's Part Number		Manufacturer's Part Number	
Supplier		Supplier	
Manufacturer's Part Number		Manufacturer's Part Number	

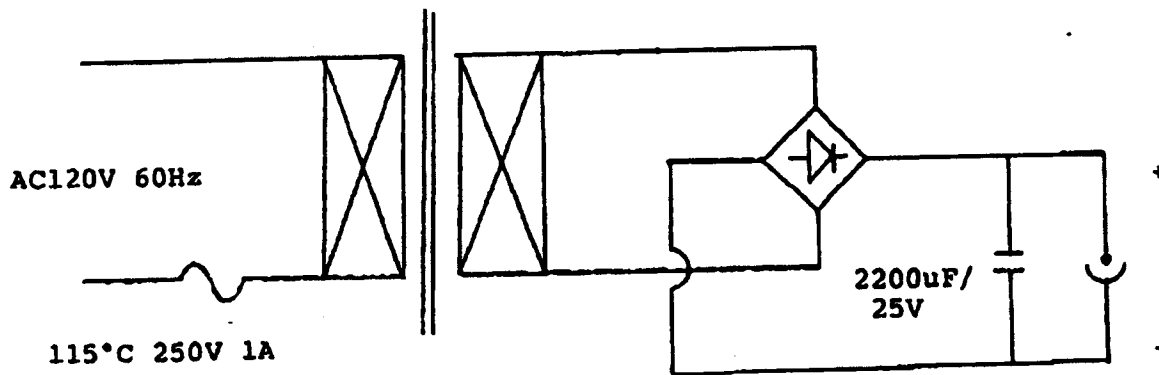
REV	DATE	ECO NUMBER	DESCRIPTION OF CHANGE	APPROVAL
A	5-2-96	---	INITIAL RELEASE	
B	7/10/97	1620	GPE DELETED AS SOURCE	
C	4/10/01	2435	ADD AULT AS ANOTHER SOURCE.	
D	7/03/01	2533	CHANGE DATA SHEET FOR AULT	
E	8/29/01	2583	REMOVE LOGO FROM PSU LABEL;REMOVE LZR AS A SUPPLIER	BB



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SCHEMATIC DIAGRAM

April 26, 2001.

Model: P48121000A140G Description: Ac120V 60Hz/Dc12V 1000mA Date: Nov. 20, 00.

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ELECTRICAL SPECIFICATION

Attachment #4

Model: P48121000A140G Description: AC 120V 60Hz/DC 12V 1000mA Date: Nov. 20, 2000.

Primary	Voltage	AC 120 V 60 Hz 21 W VA					
	Exciting Current, Open Circuit	135 mA Max.					
	DC Resistance	$\pm 10\%$		33	Ohm.		

Secondary	No.	Tap No.	Open Circuit		Loaded Voltage	DC Resistance
			Voltage	± 5%		
			AC	DC	± 5 %	± 10 %
			1.			16.3V
2.					Ohm.	
3.					Ohm.	

Ripple Voltage :	
E. Capacitor :	

Rated Continuous Output Power	VA					
Insulation Resistance	Primary - Secondary		100M ohm.		@ DC 500 V	
	Primary - Core		100M ohm.		@ DC 500 V	
Dielectric Strength	Primary - Secondary		AC	1240 V	1 minute	
	Primary - Cord		AC	1240 V	1 minute	
	Secondary - Cord		AC	500 V	1 minute	
Temperature Rise	At rating load		70°C		Maximum	

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7105 NORTHLAND TERRACE, MINNEAPOLIS, MN 55428-1634 U.S.A. TEL: (612) 493-1000 FAX: (612) 493-1011



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Attachment #4

CONSTRUCTION

Model: P48121000A140G

Description: AC 120V 60Hz/DC 12V 1000mA

Date: Nov. 20, 00

Part Name	Material / Description
(1) Bobbin	Nylon zytel 101F UL E419328(M) Min. thickness : 1mm
(2) Primary Winding	2UEW SWG#34 800T
(3) Cross Over	Polyester tape 3 layers 0.05mm thick each
(4) Insulation Between Primay and Secondary Winding	Splite bobbin construction center flange thickness 1.1mm
(5) Secondary Winding	2UEW SWG#23 83T
(6) Wrapping Tape	Polyester tape 2 layers 0.05mm thickness each
(7) Primary Leads	AWG#22 1015 VW-1 TEW UL/CSA
(8) Secondary Leads	Bare wire Ø0.6mm
(9) Leads Strain Relief	Polyester tape 2 layers 0.05mm thick each fibre paper 1 pc. 0.4mm thick
(10) Outer Wrapping Tape	Polyester tape 3 layers 0.05mm thick each
(11) Lamination Core	Silicon Steel Core Volume : 48 by 23 by 40.5mm
(12) Thermal Fuse	115°C 250V 1A
(13) Impregnation	Insulation Varnish

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7105 NORTHLAND TERRACE, MINNEAPOLIS, MN 55428-1534 U.S.A.

TEL: (612) 463-1900

FAX: (612) 463-1911



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Attachment #4

CONSTRUCTION

Model: P48121000A140G Description: AC 120V 60Hz/DC 12V 1000mA

Date: Nov. 20, 2000.

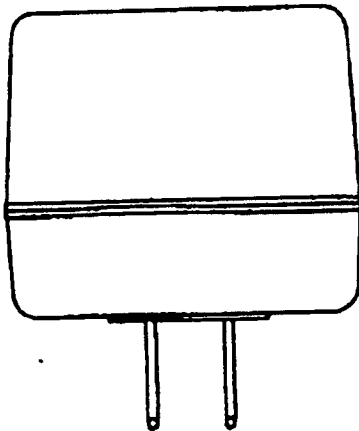
Part Name	Material / Description
(1) Transformer	EI-48 isolating type Core Volume : 48 by 23 by 40.5mm
(2) Diode	IN 5391
(3) Electrolytic Capacitor	2200uF/25V
(4) PC Board	Recognized component 94V0 130°C UL E122351
(5) Output Cord	AWG#20 2 conductor cord 1.8M PVC insulation 0.4mm thick provided with mold strain relief and polarized plug.
(6) Enclosure	Polycarbonate Material : Lexan 940 Flame rating : V-0 Overall size : Thickness : 2.43
(7) Marking Plate	PVC sheet 0.2mm or Aluminum plate 0.3mm Model : P48121000A140G Input: AC 120V 60Hz Output: DC 12V 1000mA

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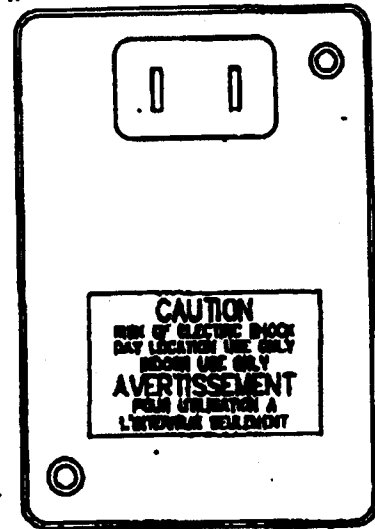


MECHANICAL SPECIFICATION		
P48121000A140G		
AC	120	V
	60	Hz
VA	21	W
DC	12	V
	1000	mA
E1-48		

All Dimension in MM
Tolerance ± 1 mm



14.3MM
57.9MM



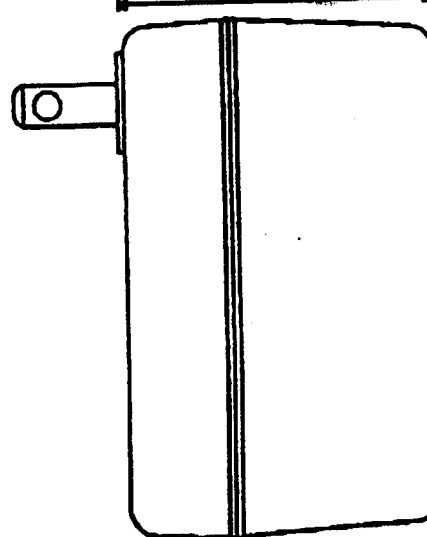
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN THE CASE
DO NOT USE ONLY
AVERTISSEMENT
RISQUE D'ÉLECTRICITÉ
NE PAS OUVRIER LA BOÎTE
NE PAS UTILISER QUE SEULEMENT



18.3MM

49.4MM

83.5MM



OUTPUT PLUG SIZE:-

SIZE	3
A:	9.5
B:	2.5
C:	5.5

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OUTPUT PLUG

* REMARK: THE PLUG WILL BE REMOVAL IF YOU REQUEST.

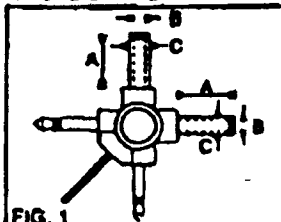


FIG. 1

4 WAY UNIVERSAL PLUG

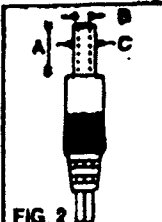


FIG. 2

FEMALE PLUG

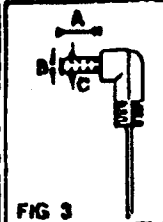


FIG. 3

FEMALE PLUG

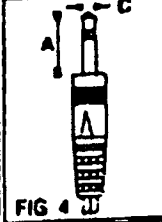


FIG. 4

MALE PLUG

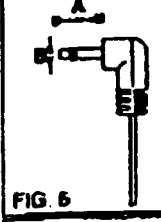


FIG. 5

MALE PLUG

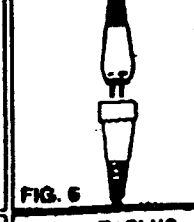


FIG. 6

POLARITY PLUG



FACSIMILE

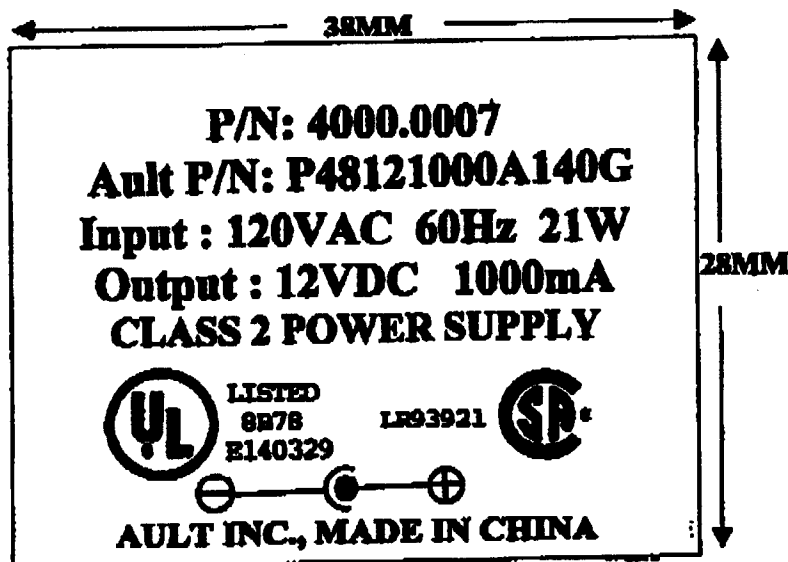
TO: AULT INC. FROM: CARLEO CHENG
ATTN: Miss Carol Guy REF.: _____
PAGE 1 OF _____ DATE: August 2, 2001
Aug. 23, 2001.

Project : Proxim

Model : P48121000A140G

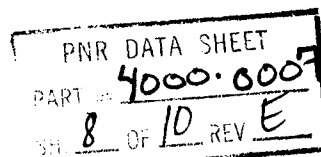
Subject : Name Plate For Approval

Case : EI-48



*OK
But ref.
23 Aug 01*

Change P/N:P48121000A140G to " Ault P/N: P48121000A140G "





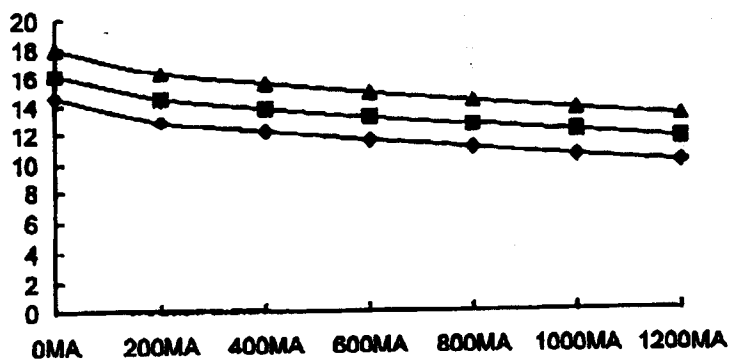
LOAD CURVE DATA

DATE: April 26, 2001

PROJECT: PROXIM
DESCRIPTION: AC 120V 60HZ/DC 12V 1000MA

MODEL: P48121000A140G

LOAD MA	AC 108V 60HZ	AC 120V 60HZ	AC 132V 60HZ
0	14.60	16.15	18.00
200	12.84	14.51	16.28
400	12.10	13.74	15.49
600	11.48	13.12	14.82
800	10.97	12.55	14.22
1000	10.45	12.05	13.67
1200	10.00	11.55	13.16

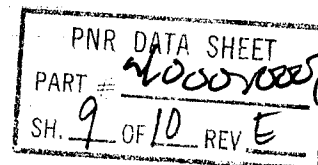


RIPPLE VOLTAGE P-P 2V

BOBBIN SIZE: BI-48 X 23MM

DIODE: IN 5391 X 4

E. CAP: 2200UF/25V





FACSIMILE

TO: AULT INC. FROM: CARLEO CHENG

ATTN: MR. FELIX TSENG REF.:

PAGE 1 OF DATE: Nov. 17, 2000.

Nov. 20, 2000.

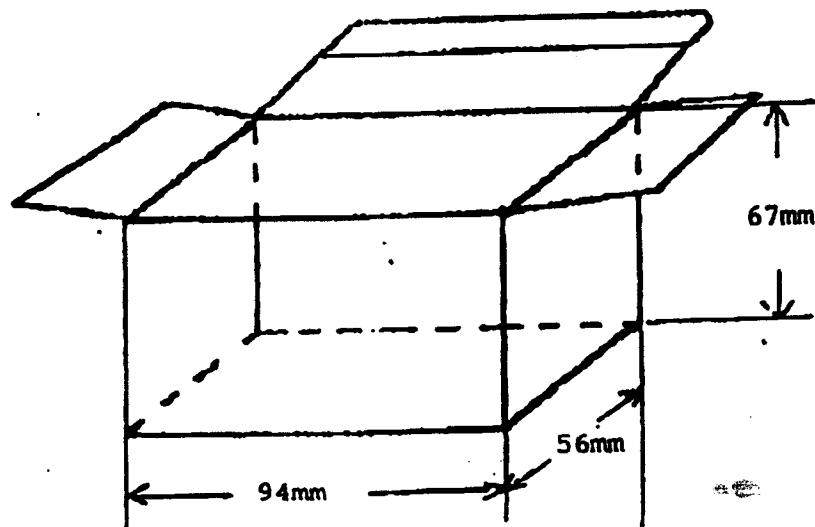
April 26, 2001.

Project: Proxim

Model: P48121000A140G

Subject: Gift Box Size

Length	Width	Height
94mm	56mm	67mm



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