

PART NUMBER RECORD

PART NUMBER	4000.0030	PAGE 1 OF 3
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DESCRIPTION
POWER SUPPLY, UNIV, 12VDC, 1.5A
(SOLE SOURCE)

APPROVED SUPPLIERS:

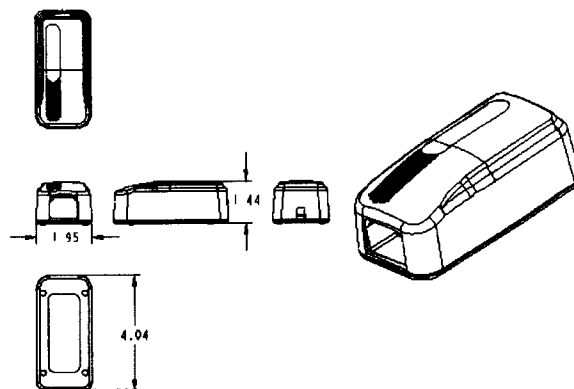
Supplier	AULT	Supplier
Manufacturer's Part Number	SC102TA1203F05	Manufacturer's Part Number
Supplier		Supplier
Manufacturer's Part Number		Manufacturer's Part Number
Supplier		Supplier
Manufacturer's Part Number		Manufacturer's Part Number

REV	DATE	ECO NUMBER	DESCRIPTION OF CHANGE	APPROVAL
A	2/01/01	2444	INITIAL RELEASE	BB

SC102 Universal 15-18 Watt Series

Features

- 90-264 VAC Input
- Desktop Style
- Single Output Up to 18W
- Regulated Output With Low Ripple
- Meets Safety Agency Requirements
- Complies With EMI/RFI Regulations
- Impact Resistant Polycarbonate Enclosure
- Private Label Marking Available
- 1 Year Warranty
- Modified and Custom Designs Also Available
- Manufactured in Thailand



Ault Model	Voltage DC	Minimum Current-Amps	Maximum Current-Amps	Maximum Watts
SC102TA0303F01	3.3	0	3.00	9.9
SC102TA0503F01	5	0	3.00	15.0
SC102TA0903F01	9	0	1.67	15.0
SC102TA1203F01	12	0	1.50	18.0
SC102TA1503F01	15	0	1.20	18.0
SC102TA1803F01	18	0	1.00	18.0
SC102TA2403F01	24	0	0.75	18.0
SC102TA4803F01	48	0	0.38	18.0

Input

- Voltage 90-264 VAC -10%, +6%
- Line Frequency 47 - 63 Hz
- Current 0.5A @ 115VAC
0.3A @ 230VAC
- Protection Internal primary current fuse, Inrush limiting
- Configuration In Case IEC320 with Ground

Output

- Combined Line, Load and Cross Regulation +/--1% (excluding cord)
- Ripple 50mV p-p max
- Transient Response 0.5msec. for 50% load change typical
- Holdup Time **15W:** 18msec@120VAC, 95msec@240VAC
18W: 12msec@120VAC, 80msec@240VAC
- Protection Over current; Short circuit
- Cord and Connector 6 ft, 2 conductor, 18 AWG, Ault #3 connector. Other connectors are also available

Safety Approvals

- Agency Listings UL1950; CSA950; TUV/IEC950

Electrical

- Topology Switching - Flyback type
- Dielectric Withstand 3000VAC, 4250 VDC primary-secondary
- Spacing 4.1mm primary-secondary
- Leakage Current Less than 0.75mA at 132VAC 50 Hz
- EMI Complies with EMC Directives
- MTBF 100,000 Calculated Hours

Environmental

- Operating Temperature 5° to 40° C with no derating
- Storage Temperature -26° to 70° C
- Relative Humidity 5% to 95% non-condensing
- Altitude 0-10,000 feet
- Cooling Convectional - non vented case

Mechanical

- Case Dimensions EI48 Desktop
4.00L x 1.95W x 1.45H, (in)
110L x 62W x 49H, (mm)
- Case Material Black 94V0 polycarbonate
- Weight 9.2 ounces, 261 grams (including cord)

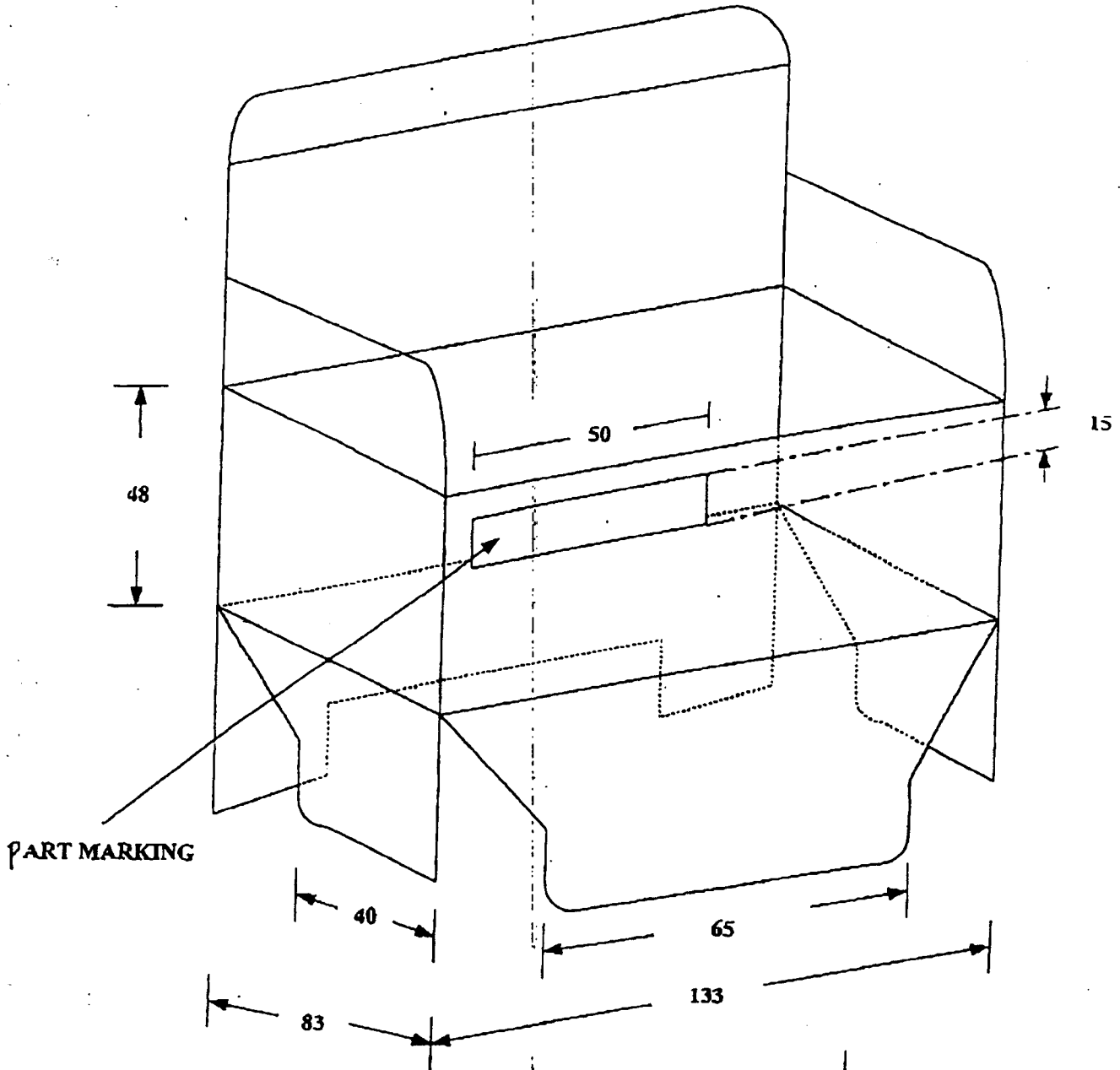
ONE YEAR WARRANTY

Ault Incorporated, 7105 Northland Terrace North, Minneapolis, MN 55428

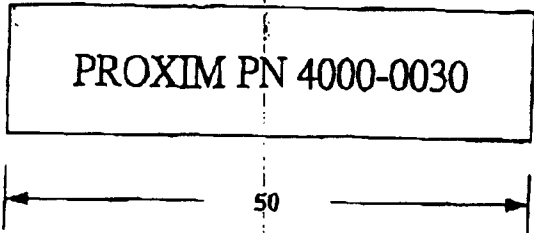
Contact Ault Inc. for all your custom design requirements. Phone: 763/592.1900 • Fax 763.592.1911

PNR DATA SHEET	
PART #	4000.0030
SH. 2	OF 3 REV A

SC102TA1203F05 GIFT BOX :



PART MARKING :



PNR DATA SHEET	
PART #	4000.0030
SH. 3 OF 4	REV A

Unit : m/m

Tolerance ± 2 m/m

8/18






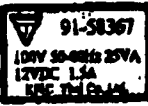


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POWER SUPPLY MODEL: SC102TA1203F05

AULT INC. MADE IN THAILAND

INPUT: 100-240V ~
47-63Hz, 0.8A

OUTPUT: 12 V $\overline{\text{DC}}$, 1.5 A

69.0

27.0

REVISED

t/30/2001

TOTAL P.02

PNR DATA SHEET	
PART #	4000.0030
SH. 4 OF 4	REV A