



1. WEIGHT - 2.25 LBS.



VIEW LOOKING INTO
4-PIN CONNECTOR
SCALE 2X

ALL PART NUMBER LETTERSUFFIXES ARE TO BE INTERPRETED AS FOLLOWS:
 I.E. - 107-0000-00 (X)
 M- PART TO BE MACHINED ONLY (UNPLATED) S- MATERIAL HAS BEEN GRAINED
 P- PART TO BE PLATED/PAINED S- MATERIAL HAS BEEN SAWCUT
 H- PART TO BE HEAT TREATED E- ENVIRONMENTAL TEST

REDRAWN ON CAD 6/11/97

EXCEPT AS OTHERWISE NOTED
 ALL DIMENSIONS IN INCHES
 TOLERANCE: .XXX ± . .XX ± .01
 SURFACE FINISH EXCEPT AS NOTED ✓
 BREAK EDGES TO DEBURR RADIUS OR CHAMFER
 THESE DIAS TO T.J.R.
 FILLETS - MAX RAD.

		CHATSORTH, CA.	
SCALE	1X	REV	-
DATE	6/2/92	PART NO.	
DRAWN	N.C.	CHECKED	N.C.
APPROVED		NEXT ASSEMBLY	
TITLE			USED ON
OUTLINE/INSTALLATION DRAWING, MODEL 4113			4113
DWG NO.			127-4113
SHEET			1 OF 1



SPECIFICATIONS

MODEL 4113 THREE CHANNEL CURRENT SOURCE POWER UNIT

SPECIFICATION	VALUE	UNITS
PHYSICAL		
WEIGHT	32	OZ
SIZE (H x W x D)	5.5 x 1.6 x 8.0	INCHES
RACK MOUNTING PROVISION [1]	10-32 CAPTIVE THUMB SCREW, BOTTOM FRONT PANEL	
CONNECTORS, OUTPUT, COAXIAL, REAR PANEL	(3) BNC JACK	
CONNECTOR, MONITOR, COAXIAL, REAR PANEL	(1) BNC JACK	
CONNECTOR, INPUT, (TRIAx) REAR PANEL [3]	4-PIN JACK	
CASE MATERIAL	ALUMINUM	
OUTPUT COUPLING CAPACITOR, THREE CHANNELS	10	μF
PULLDOWN RESISTOR, EACH CHANNEL	1	MEGOHM
BIAS VOLTAGE MONITOR METER, FRONT PANEL	10 SEGMENT LED	
SELECTOR SWITCH, THREE POSITION, FRONT PANEL	ROTARY	
POWER ON/OFF SWITCH, FRONT PANEL	TOGGLE	
POWER ON INDICATOR, FRONT PANEL	RED	
FUSE, REAR PANEL	1/4 AMP	3AG
LINE CORD, 3-WIRE WITH GROUND W/THREE PRONG PLUG	6	FT
PERFORMANCE		
VOLTAGE GAIN	UNITY	
RANGE F.S.	+/-5.0	VOLTS
OVER RANGE	+/- 10	VOLTS
ELECTRICAL BACKGROUND NOISE (RESOLUTION)	150	μV, RMS
EXCITATION (COMPLIANCE) VOLTAGE	+24	
EXCITATION CURRENT RANGE, EACH CHANNEL	2 to 20	
COUPLING TIME CONSTANT, 10 MEGOHM LOAD	100	SEC
COUPLING TIME CONSTANT, 1 MEGOHM LOAD	10	SEC
FREQUENCY RANGE, 100 FT. OF COMBINED INPUT/OUTPUT CABLE [4]	1 to 50,000	
POWER REQUIREMENTS		
115 VOLTS AC, 60 Hz [2]	4.4	VA

[1] Up to 10 Model 4113's may be mounted in the optional 19 inch wide RTMA rack Model 4200. Units are retained in the rack by means of a captive 10-32 thumbscrew located at the bottom of the front panel.

[2] Standard units are designed for 115 VAC, 50-60 Hz power. 230 VAC versions are designated by the model number prefix "E", e.g., E4113. 100 VAC units are designated by the model number prefix "J", e.g., J4113.

[3] Use only cable Model 6041Axx to connect 3014A to 4113.

[4] High frequency response will be diminished as cable length increases. See chart on page 5).