



- 2. VOLTAGE AT "BATT. O.K." MARK IS 17 VDC.
- 1. WEIGHT - 312 GRAMS (11 oz.).

ALL PART NUMBER LETTERSUFFIXES ARE TO BE INTERPRETED AS FOLLOWS:

I.E. - 107-0000-01 (X)

M - MACHINED ONLY (UNPLATED)	G - MATERIAL HAS BEEN GRAINED
P - PLATED/PAINTED	S - MATERIAL HAS BEEN SAWCUT
H - HEAT TREATED	E - ENVIRONMENTAL TEST

EXCEPT AS OTHERWISE NOTED

ALL DIMENSIONS IN INCHES
TOLERANCE: .XXX = ± .XX = ±

SURFACE FINISH
EXCEPT AS NOTED ✓

BREAK EDGES TO DEBURR
RADIUS OR CHAMFER

△ THESE DIAS ⊙ TO T.I.R.

FILLETS - MAX RAD.

		CHATSWORTH, CA.			
		SCALE 1/2	REV -	DATE -	ECN -
DATE 5/21/96	PART NO. MODEL 4105C				
DRAWN D.Z.	CHECKED N.C	MATERIAL			
APPROVED	NEXT ASSEMBLY			USED ON 4105C	
TITLE				DWG NO.	
OUTLINE/INSTALLATION DRAWING, MODEL 4105C				127-4105C	
SHEET 1 OF 1					

SPECIFICATIONS
MODEL 4105C BATTERY POWERED CURRENT SOURCE
POWER UNIT WITH GAIN X1, X10 & X100 AND OPTIONAL 2-POLE FILTER

SPECIFICATIONS	VALUE	UNITS
SENSOR SUPPLY CURRENT, FIXED	1.4 to 2.6	mA
SENSOR COMPLIANCE VOLTAGE	+18	VDC
VOLTAGE GAINS, $\pm 1\%$ (switch selectable)	x1, x10, x100	
OUTPUT VOLTAGE SWING, F.S.	± 5	VOLTS
OUTPUT COUPLING CAPACITOR	10	μ F
OUTPUT IMPEDANCE	50	OHMS
INPUT COUPLING TIME CONSTANT	5	SECONDS
FREQUENCY RESPONSE (± 3 dB) MEASURED @ F.S. OUTPUT, NO FILTER INSTALLED: [1]		
GAIN X1	.1 to 100K	Hz
GAIN X10	.1 to 50K	Hz
GAIN X 100	.1 to 50K	Hz
BACKGROUND NOISE, BROADBAND, NO FILTER		
GAIN X 1	0.32	mV RMS
GAIN X 10	0.44	mV RMS
GAIN X 100	2.4	mV RMS
SENSOR CONNECTOR	BNC	JACK
OUTPUT CONNECTOR,	BNC	JACK
BATTERIES (2 SUPPLIED)	9-VOLT TRANSISTOR RADIO DRY CELLS	
BATTERY LIFE, NOMINAL	40	HOURS
SIZE (H x W x D)	2.2 x 4 x 2.9	INCHES
WEIGHT	11/312	OZ/GRAM

[1] FILTER OPTION: FILTER FREQUENCY MUST BE SPECIFIED AT TIME OF PURCHASE. FILTER MAY BE BYPASSED BY JUMPER PLUG ON CIRCUIT BOARD.