

VIEW A-A

- 2. VOLTAGE AT "BATT. O.K." MARK IS 17 VDC.
- 1. WEIGHT - 279 GRAMS (11 oz.).


EXCEPT AS OTHERWISE NOTED	
ALL DIMENSIONS IN INCHES TOLERANCE: .XXX ± .005 .XX ± .01	
SURFACE FINISH EXCEPT AS NOTED	✓
BREAK EDGES TO DEBURR RADIUS OR CHAMFER	
△ THESE DIAS ⊙ TO	T.I.R.
FILLETS -	MAX RAD.


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

DYTRAN INSTRUMENTS, INC.		CHATSWORTH, CA.	
SCALE 1/2X	REV -	DATE -	ECN -
DATE 9/16/96	PART NO. MODEL 4102C		
DRAWN N.C.	CHECKED D.Z.	MAT'L	
APPROVED	NEXT ASSEMBLY	USED ON	4102B
TITLE			DWG NO.
OUTLINE/INSTALLATION DRAWING, MODEL 4102C			127-4102C
			SHEET 1 OF 1

SPECIFICATIONS

MODEL 4102C CURRENT SOURCE POWER UNIT, BATTERY POWERED

SPECIFICATION	VALUE	UNITS
SENSOR SUPPLY CURRENT, FIXED, NOM.	2.0	mA
COMPLIANCE VOLTAGE	+18	VDC
VOLTAGE GAIN	N/A	
COUPLING TIME CONSTANT INTO 10 MEGOHM LOAD	10	SEC
COUPLING TIME CONSTANT INTO 1 MEGOHM LOAD	5	SEC
LOW FREQUENCY -3db FREQ., 10 MEGOHM LOAD	0.016	Hz
LOW FREQUENCY -3db FREQ., 1 MEGOHM LOAD	.032	Hz
HIGH FREQUENCY RESPONSE	DETERMINED BY SENSOR, CABLE LENGTH AND SIGNAL LEVEL	
COUPLING CAPACITOR, NOM.	10	μF
PULLDOWN RESISTOR	1.0	MEGOHMS
MONITOR VOLTMETER RANGE, F.S.	20	VDC
ELECTRICAL NOISE, WIDEBAND	60	μV, RMS
SENSOR CONNECTOR	BNC	JACK
OUTPUT CONNECTOR	BNC	JACK
POWER SOURCE 	9 VOLT BATTERIES	2
BATTERY LIFE, TYP.	80	HOURS
SIZE (H x W x D)	2 x 3 x 4	INCHES

 Any type of transistor radio 9-Volt battery may be use to power the 4102C. However, longest battery life will be obtained by use of high grade alkaline type batteries.