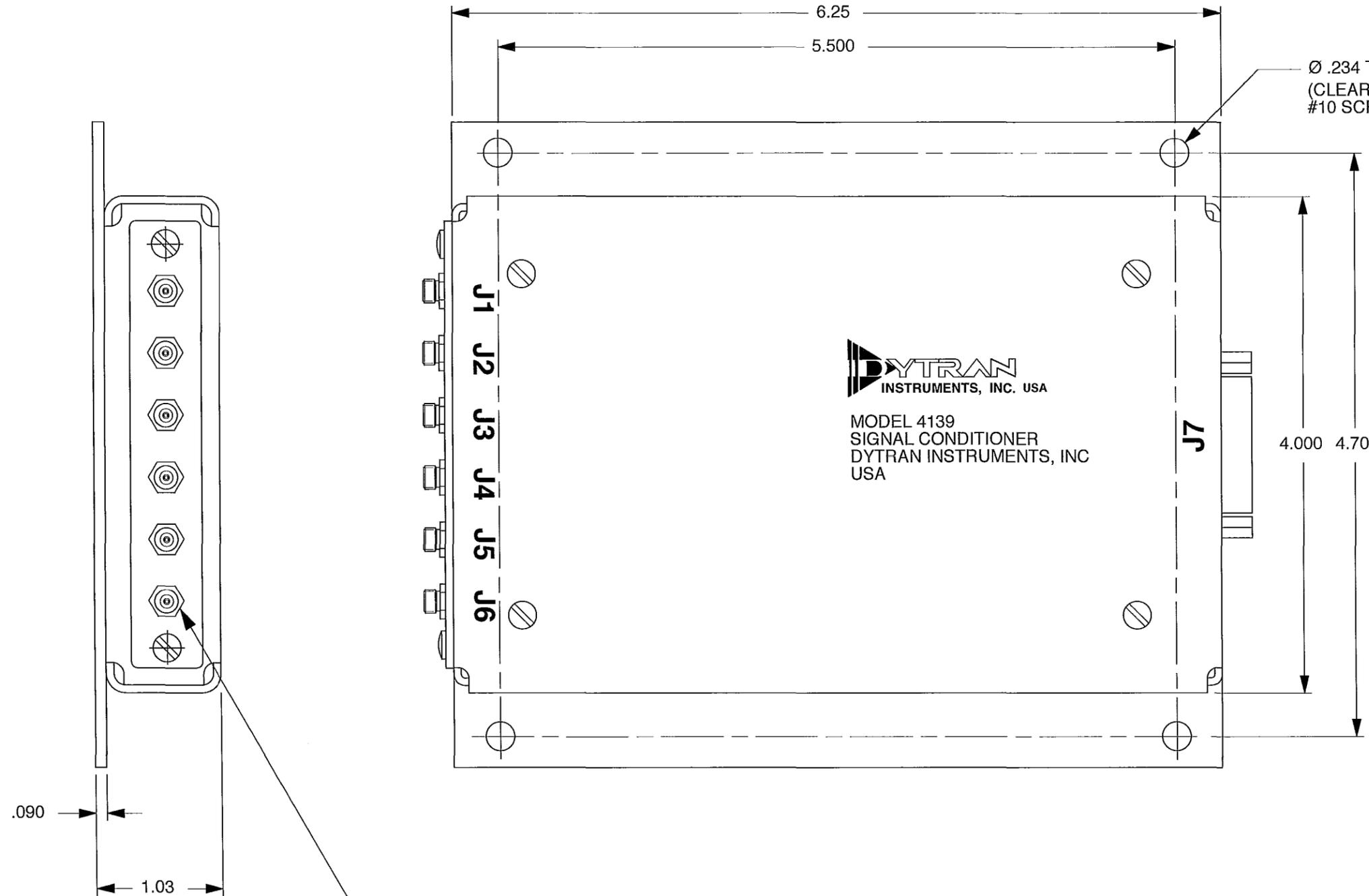
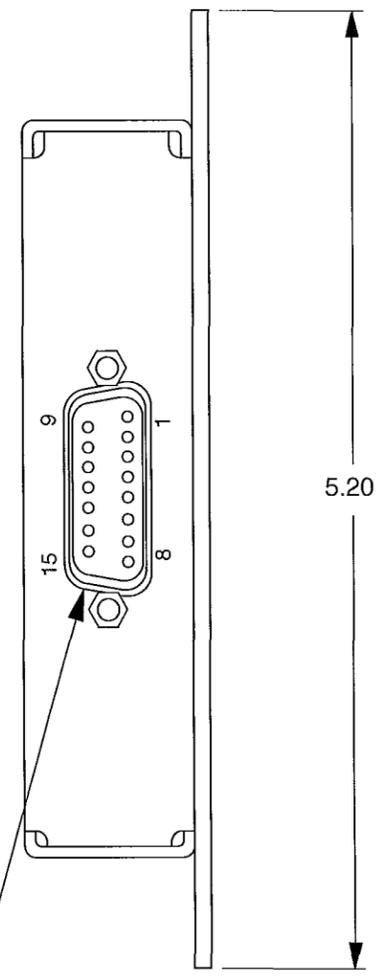


REV	ECN	DESCRIPTION	BY/DATE	CHK	APPR
A	5084	INITIAL RELEASE	NC/2-15-08	AWS	



Ø .234 TYP 4 HOLES
(CLEARANCE FOR
#10 SCREWS)



1	OUTPUT CH 1
2	OUTPUT CH 2
3	OUTPUT CH 3
4	OUTPUT CH 4
5	OUTPUT CH 5
6	OUTPUT CH 6
7	N/C
8	+28VDC PWR IN
9	SIG. GROUND
10	" "
11	" "
12	" "
13	" "
14	" "
15	PWR GND RET.

J7 PINOUT

J7, DA-15P CANNON SIGNAL/POWER
CONNECTOR

J1 THRU J6, 10-32 COAXIAL JACK
IEPE SENSOR INPUT CONNECTORS,
TYPICAL SIX JACKS.

- 3. (1) MATING CONNECTOR DA-15S IS SUPPLIED.
- 2. HOUSING MATERIAL: ALUMUNUM ALLOY, FINISH: BLACK PAINT.
- 1. WEIGHT: 11.5 OZ (.75 LBS).

		CHATSORTH, CA.	
SCALE 1X	DESIGN N.C	DATE 2-15-08	
DRAWN N.C	DATE 4/7/98	PART NO. MOD 4139	
CHECKED AWS	DATE 1/3/12	MAT'L -	A
APPROVED 	DATE 1/5/12	NEXT ASSEMBLY -	USED ON
TITLE OUTLINE/INSTALLATION DRAWING, MODEL 4139			DWG NO. 127-4139
			SHEET OF 1

SPECIFICATIONS MODEL 4139

SIX CHANNEL POWER UNIT/ SIGNAL CONDITIONER

SPECIFICATION	VALUE	UNITS
CHANNELS	6	
VOLTAGE GAIN	UNITY	
FREQUENCY RESPONSE,	± 3 db	5 to 10,000 Hz
OUTPUT BIAS (+200/-100 mV)	+2.500	VDC
COUPLING TIME CONSTANT, NOM.	.032	SEC
F. S. OUTPUT VOLTAGE SWING	± 2.50	VOLTS
OUTPUT IMPEDANCE, MAX	50	OHMS
MAXIMUM POSITIVE GOING OUT. VOLTAGE SWING	+5.6	VOLTS
CURRENT SUPPLIED TO SENSOR	2	mA
SENSOR COMPLIANCE VOLTAGE	+15	VDC
INPUT (SUPPLY) VOLTAGE RANGE	+24 to +30	VDC
INPUT (SUPPLY) CURRENT	60	mA
OPERATING TEMPERATURE	-60 to +120	°F
INPUT CONNECTORS (6)	10-32	COAXIAL
POWER IN/SIG OUT CONNECTOR	DA-15P	D-SUBMINI
SIZE, (EXCL. MTG BRACKET) (HxLxW)	0.94 x 6.25 x 4.00	IN.
WEIGHT	.72/317	Lbs./gms.
MAX. VIBRATION	15	G,RMS
MAX. SHOCK	20	G, PEAK
MOUNTING PROVISION	FOUR (4).234 DIA. CLEARANCE HOLES FOR #10 SCREWS IN INTEGRAL BRACKET. (SEE OUTLINE/INSTALLATION DRAWING 127-4146M6.)	
MATERIAL, CASE/BRACKET	.062/.093 THICK ALUMINUM ALLOY 2024-T3	
ACCESSORIES SUPPLIED:		

(1) MATING POWER/SIG OUT CONNECTOR, DA-15S WITH HOOD & CABLE CLAMP