



- 2. HOUSING MATERIAL: ALUMUNUM ALLOY, FINISH: BLACK PAINT.
- 1. WEIGHT: 11.5 OZ (.75 LBS).

		CHATSORTH, CA.			
		SCALE 1X	REV -	DATE -	ECN -
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.J.R. FILLETS - MAX RAD.		DATE 4/7/98	PART NO. MOD 4139		
		DRAWN N.C.	CHECKED R.A.	MAT'L -	
		APPROVED	NEXT ASSEMBLY -	USED ON	
<b>OUTLINE/INSTALLATION DRAWING, MODEL 4139</b>				DWG NO. <b>127-4139</b> SHEET 1 OF 1	

**SPECIFICATIONS MODEL 4139**

**SIX CHANNEL POWER UNIT/ SIGNAL CONDITIONER**

<b>SPECIFICATION</b>	<b>VALUE</b>	<b>UNITS</b>
CHANNELS	6	
VOLTAGE GAIN	UNITY	
FREQUENCY RESPONSE,	+/- 3 db	5 to 10,000 Hz
OUTPUT BIAS (+/-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 OUT. VOLTAGE SWING	0 to +5.6	VOLTS
CURRENT SUPPLIED TO SENSOR	2	mA
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 (2)	DE-9SC	D-SUBMINI
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	Lbs.
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:**

- (2) MATING SIGNAL INPUT CONNECTORS, DE-9P WITH HOOD & CABLE CLAMP
- (1) MATING POWER/SIG OUT CONNECTOR, DA-15S WITH HOOD & CABLE CLAMP