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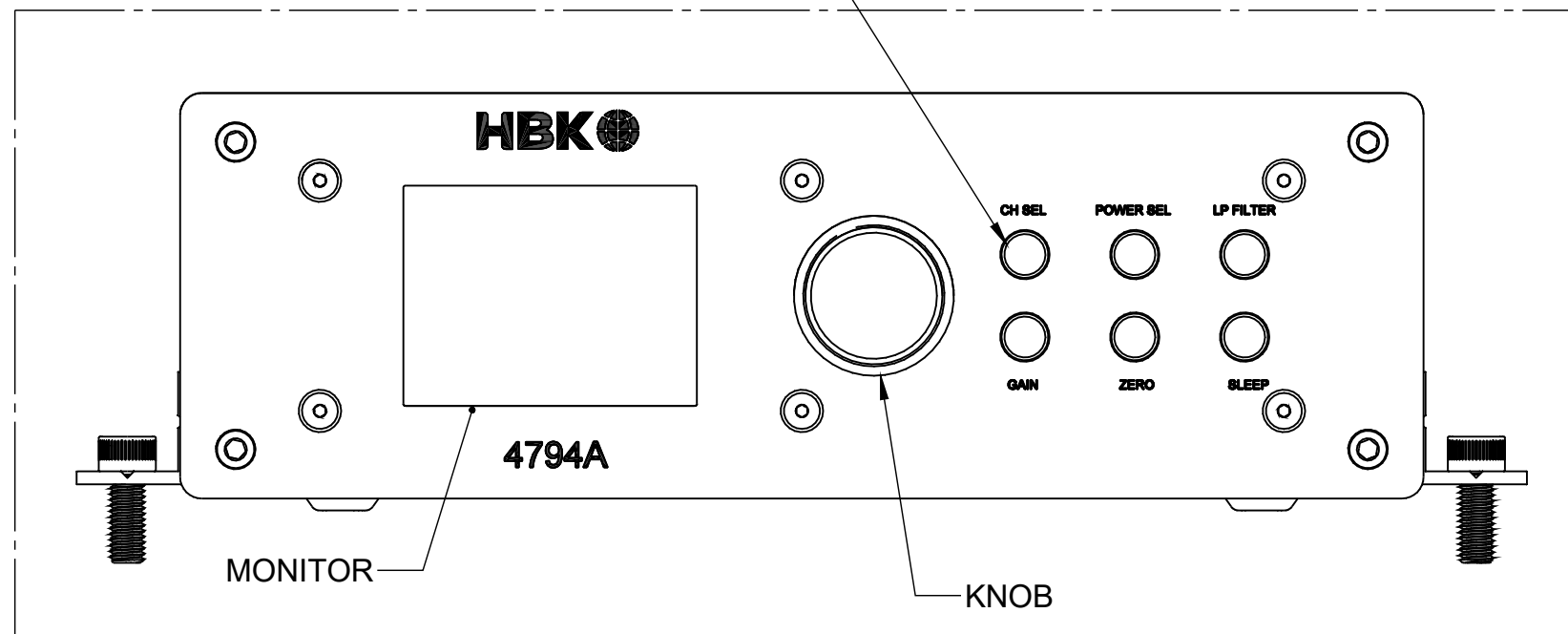
B

B

A

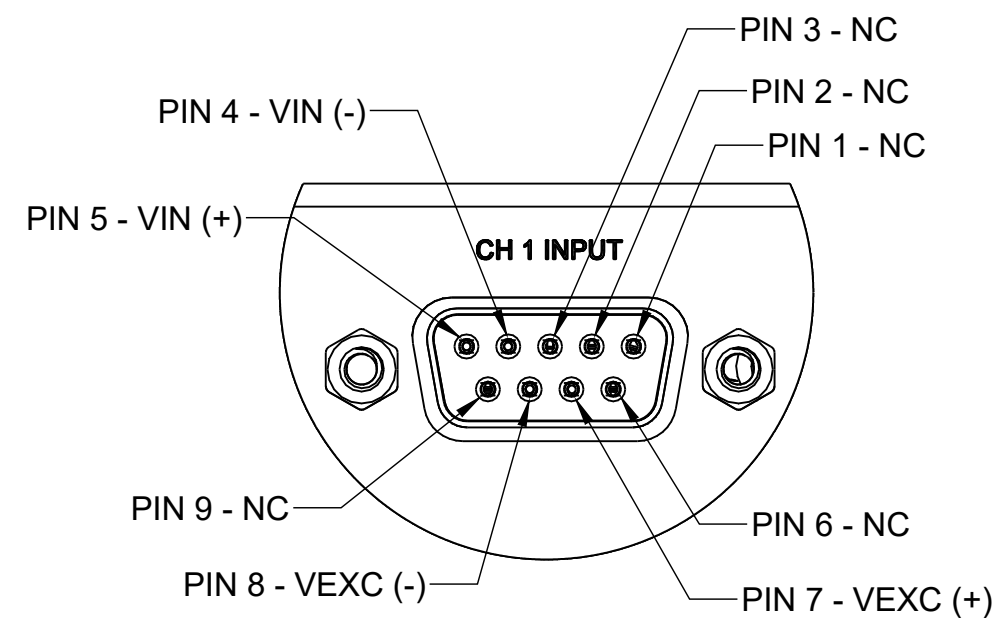
A

PUSH BUTTON
(6 PLCS)



DETAIL A-A

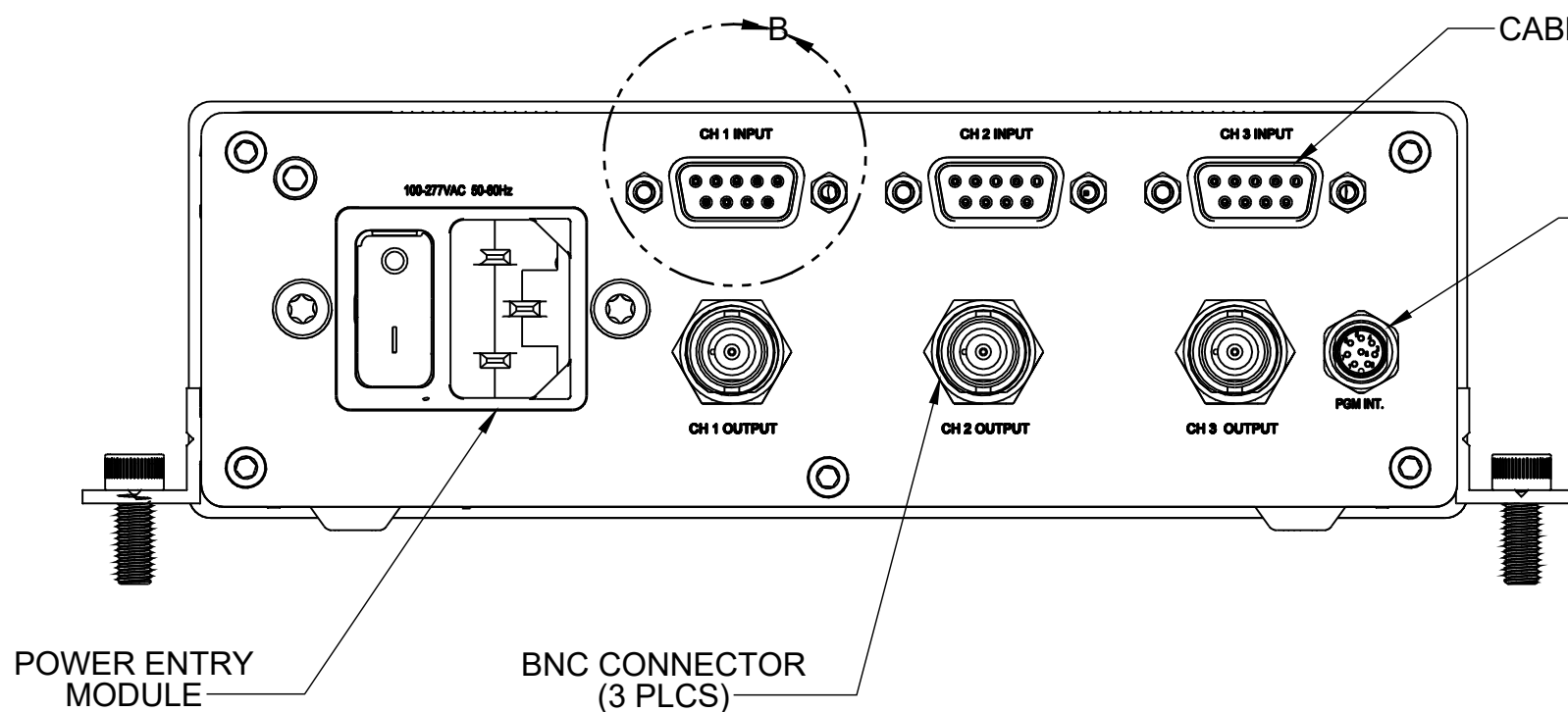
WIRING INFORMATION FOR CH 1, CH 2 AND CH 3



DETAIL B
SCALE 2 : 1

CABLE DB9/10FM TERMINAL
(3 PLCS)

CINGULAR 8 PIN
CONNECTOR


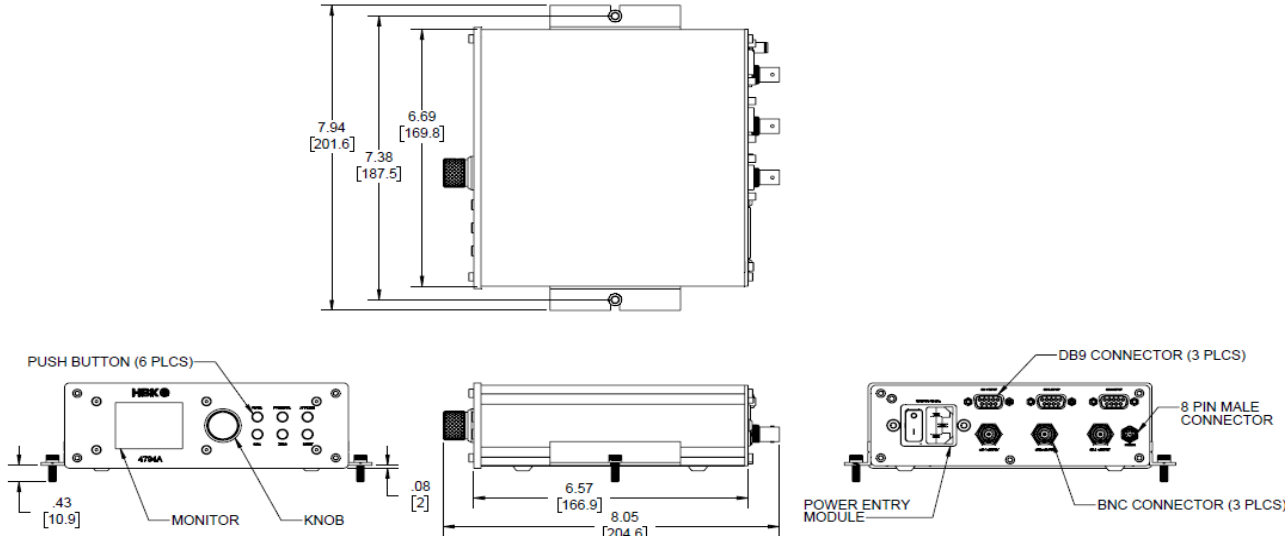



VIEW A-A



TITLE: **OUTLINE/INSTALLATION
DRAWING, MODEL 4794A**

SIZE	CAGE CODE	DWG NO	REV
B	2W033	127-4794A	A
SCALE:	1:1	PART NO: 127-4794A	SHEET 2 OF 2

Model Number 4794A		PERFORMANCE SPECIFICATIONS				DOC NO PS4794A																					
			4794A 3-CHANNEL DC SIGNAL CONDITIONER AMPLIFIER			REV A, ECN 17521, 08/06/24																					
		<ul style="list-style-type: none">• DESIGNED TO OPERATE WITH MEMS ACCELEROMETERS• VARIABLE RANGE AND SENSITIVITIES• LP FILTERS, USER SELECTABLE					This family also includes:																				
						<table><tr><th>Model</th><th>Sensitivity (mV/g)</th><th>Frequency Response, ±10% (Hz)</th><th>Time Constant (Sec)</th><th>Operating Temp (°F)</th></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>		Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)															
Model	Sensitivity (mV/g)	Frequency Response, ±10% (Hz)	Time Constant (Sec)	Operating Temp (°F)																							
		Refer to the performance specifications of the products in this family for detailed description																									
		Supplied Accessories: 1) Mounting hardware, model 69162, 2 pc. 2) ISO 17025 Accredited Calibration Certificate																									
		Notes: [1] Maximum Bias Voltage of the Sensor is 5, 7, 10 VDC for Full Scale Input. [2] The AC output is conditioned by LP filters and gain settings□ [3] The VDC output is scaled in VDC/G(RMS) [4] In the interest of constant product improvement, we reserve the right to change specifications without notice. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary overtime. All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts. [5] -3dB Corner Frequency of Low Pass Filter is within +/-15% of Nominal Frequency.																									
PHYSICAL																											
		ENGLISH		SI																							
Weight		2.51		Lbs		1.14																					
Overall size		2.3 x 7.9 x 8.1		IN		6 x 20 x 20																					
Case Material		Anodized Aluminum				Anodized Aluminum																					
Mounting		Mounting Ears				Mounting Ears																					
PERFORMANCE																											
Voltage Output		+/-5		Vpeak		+/-5																					
MEMS Compliance Voltage (Accuracy +/- 2%)		5, 7, 10		VDC		5, 7, 10																					
MEMS Limited Current		40		mA		40																					
LP -3dB Frequency Selection [5]		1, 2, 3, 5, 7, 10		kHz		1, 2, 3, 5, 7, 10																					
Gain (Accuracy +/- 1%) [2]		x1, x5, x10, x15, x20				x1, x5, x10, x15, x20																					
Coupling		DC				DC																					
Range (Input Differential)		+/-5		Vpeak		+/-5																					
Output Impedance		20		Ohm		20																					
Current Output		+/- 10		mA		+/- 10																					
ELECTRICAL																											
Power		110/220		VAC		110/220																					
		0.04		A		0.04																					
ENVIRONMENTAL																											
Temperature		32-158		°F		0-70																					
		14-200		°F		-10-94																					
Shock		100		Gpeak		981																					
						m/sec ² (Peak)																					
																											
		Units on the line drawing are in inches, units in brackets are in millimeters. Refer to 127-4794A. for more information.																									
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