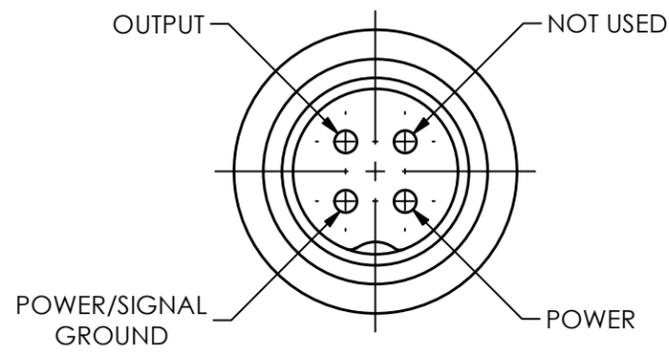


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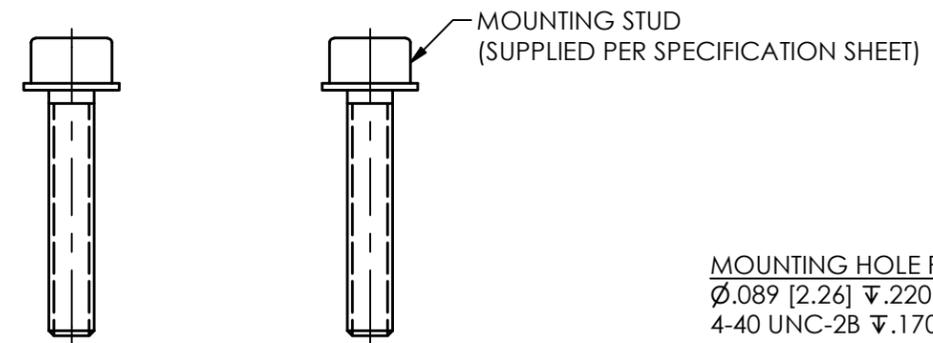
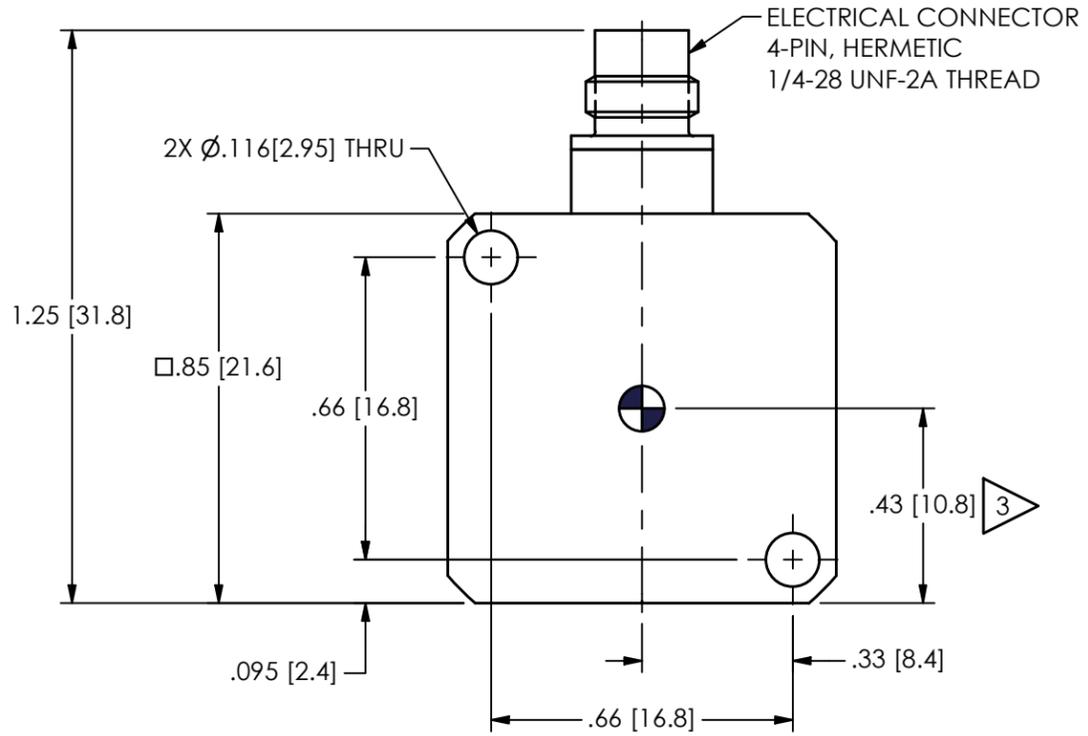
REVISIONS		
REV	DESCRIPTION	DIN
A	CLERICAL CHANGE FOR THRU HOLES	55505

**FRONT VIEW OF CONNECTOR**  
SCALE 5X



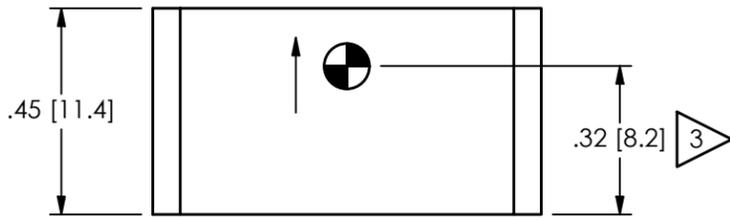
**OUTPUT SIGNAL:**  
REFERENCE TO GROUND

**POWER:**  
CONNECT TO DC VOLTAGE POWER SUPPLY, SEE SPECIFICATION SHEET FOR PROPER EXCITATION VOLTAGE



**MOUNTING HOLE PREPARATION:**  
Ø.089 [2.26]  $\nabla$ .220 [5.59] MIN  
4-40 UNC-2B  $\nabla$ .170 [4.32] MIN

**METRIC MOUNTING HOLE PREPARATION:**  
Ø.081 [2.05]  $\nabla$ .180 [4.57] MIN  
M2.5 X .45-6H  $\nabla$ .130 [3.30] MIN



5.) SEE SHEET 2 OF 2 FOR CABLE STRAIN RELIEF INFORMATION

4) RECOMMENDED MOUNTING SURFACE SHOULD BE FLAT TO WITHIN .003 [.08] TIR OVER Ø1.21 [30.5] WITH A FINISH OF 32[.08] FOR BEST RESULTS

3) CG-CENTER OF SEISMIC MEASUREMENT

2) DIAGONAL MOUNTING DIMENSION BETWEEN HOLES

1) RECOMMENDED MOUNTING TORQUE ON MOUNTING STUD, 4-5 IN-LBS [45-55 N-CM]

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	
DIMENSIONS IN INCHES	DIMENSIONS IN MILLIMETERS [IN BRACKETS]
DECIMALS XX ±.01 XXX ±.005	DECIMALS X ±0.3 XX ±0.13
ANGLES ± 2 DEGREES	ANGLES ± 2 DEGREES
CABLE TOLERANCES IN ENGLISH	CABLE TOLERANCES IN METRIC
1" ≤ LENGTH < 1' = +1' / - 0	2.54cm ≤ LENGTH < 30.5cm = +2.54cm / - 0
1' ≤ LENGTH < 5' = +2' / - 0	30.5cm ≤ LENGTH < 1.5m = +5.1cm / - 0
5' ≤ LENGTH < 100' = +6' / - 0	1.5m ≤ LENGTH < 30.5m = +15.2cm / - 0
100' ≤ LENGTH = +1' / - 0	30.5m ≤ LENGTH = +30.5cm / - 0
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13

DRAWN	CHECKED	ENGINEER
AME 1/23/25	JDM 1/23/25	JJD 1/23/25
TITLE		
INSTALLATION DRAWING MODEL 3711F SERIES DC ACCELEROMETER		

**PCB PIEZOTRONICS**  
AN AMPHENOL COMPANY  
3425 WALDEN AVE. DEPEW, NY 14043  
(716) 684-0001 E-MAIL: sales@pcb.com

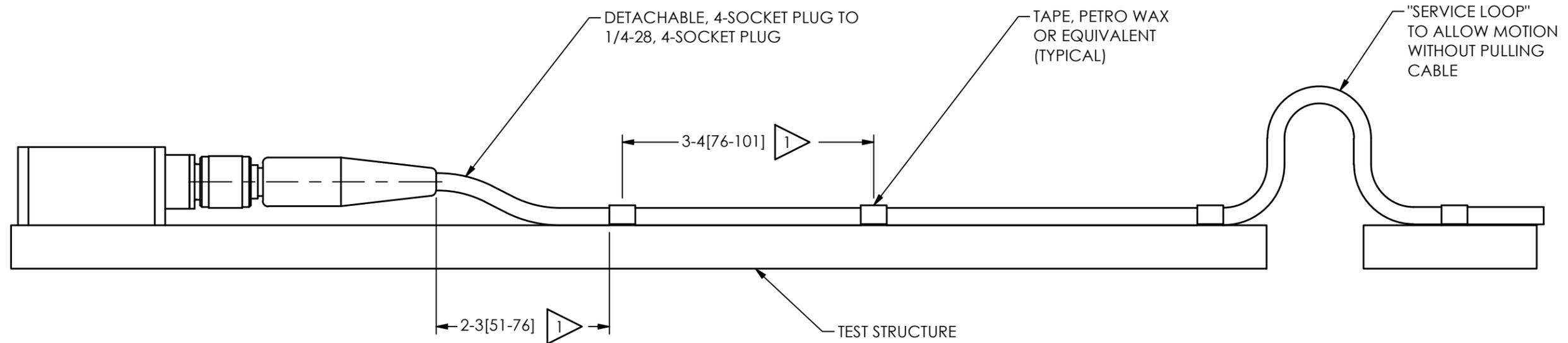
CODE IDENT. NO. 52681	SIZE B	DWG. NO. 70536
SCALE: 2.5X	SHEET 1 OF 2	

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70536

REVISIONS

REV	DESCRIPTION	DIN
	- SEE SHEET 1 -	



1 FASTEN CABLE TO TEST STRUCTURE TYPICALLY WITHIN 2-3" [51-76] OF SENSOR. THEN FASTEN AGAIN WITHIN 3-4" [76-101] OF PREVIOUS ATTACHMENT. BETWEEN THE TEST STRUCTURE AND A FIXED STRUCTURE, ALLOW A SERVICE LOOP LARGE ENOUGH TO PREVENT PULLING OF THE CABLE WHEN SHAKING. MORE ATTACHMENT POINTS WILL PROVIDE LESS NOISE IN THE RESULTING DATA. LOOSE CABLES OR PARTS ELSEWHERE ON THE TEST STRUCTURE CAN ALSO GENERATE "NOISE" ON THE SIGNAL RECEIVED FROM THE MODEL 3711 SERIES.

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER		PCB PIEZOTRONICS AN AMPHENOL COMPANY						
DIMENSIONS IN INCHES DECIMALS XX ±.01 XXX ±.005 ANGLES ± 2 DEGREES		DIMENSIONS IN MILLIMETERS [ IN BRACKETS ] DECIMALS X ±.3 XX ±.13 ANGLES ± 2 DEGREES		AME	1/23/25	JDM	1/23/25	JJD	1/23/25	3425 WALDEN AVE. DEPEW, NY 14043 (716) 684-0001 E-MAIL: sales@pcb.com				
CABLE TOLERANCES IN ENGLISH 1" ≤ LENGTH < 1' = +1"/ - 0 1' ≤ LENGTH < 5' = +2"/ - 0 5' ≤ LENGTH < 100' = +6"/ - 0 100' ≤ LENGTH = +1"/ - 0		CABLE TOLERANCES IN METRIC 2.54cm ≤ LENGTH < 30.5cm = +2.54cm/ - 0 30.5cm ≤ LENGTH < 1.5m = +5.1cm/ - 0 1.5m ≤ LENGTH < 30.5m = +15.2cm/ - 0 30.5m ≤ LENGTH = +30.5cm/ - 0		TITLE INSTALLATION DRAWING MODEL 3711F SERIES DC ACCELEROMETER								CODE IDENT. NO. 52681	SIZE B	DWG. NO. 70536
FILLETS AND RADII .003 - .005		FILLETS AND RADII 0.07 - 0.13										SCALE: 1.5X		SHEET 2 OF 2