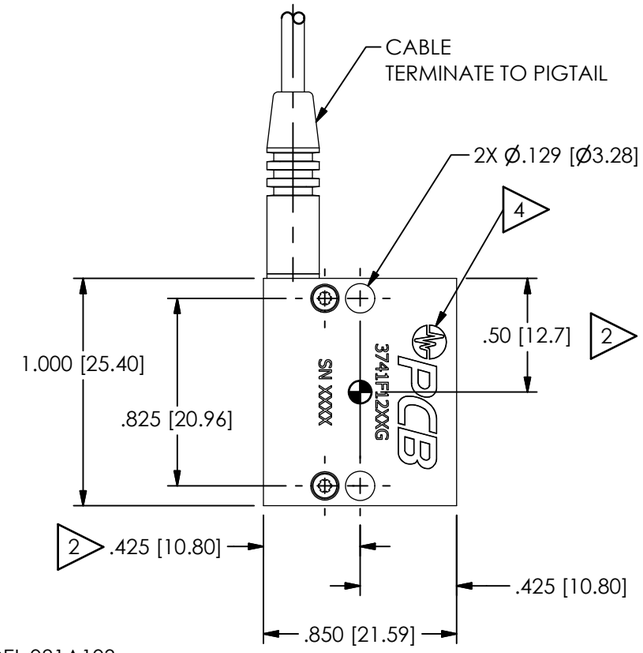
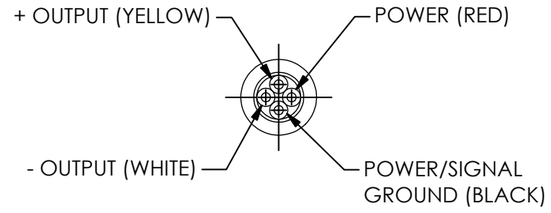
70535

REVISIONS		
REV	DESCRIPTION	DIN
A	ADD SENSING AXIS	51175



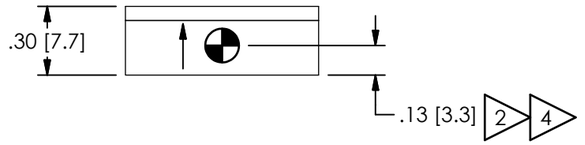


POWER: (RED)
CONNECT TO DC VOLTAGE POWER SUPPLY, SEE SPECIFICATION SHEET FOR PROPER EXCITATION VOLTAGE

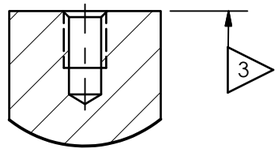
SHIELD:
CASE GROUND

1 MODEL 081A103
MOUNTING SCREW
ASSEMBLY
(2 SUPPLIED)

1 FOR "M" OPTION
MODEL M081A103
MOUNTING SCREW
ASSEMBLY
(2 SUPPLIED)



MOUNTING HOLE PREPARATION:
Ø.089 [2.26] ↧.22 [5.6] MIN
4-40 UNC-2B ↧.15 [3.8] MIN



FOR METRIC OPTION
MOUNTING HOLE PREPARATION:
Ø.098 [2.45] ↧.39 [10.0] MIN
M3x0.5 - 6H ↧.18 [4.6] MIN

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

4 LASER MARK: PCB LOGO, PCB MODEL #, UNIQUE SN. "XXX" IN MODEL NUMBER INDICATES FS RANGE (eg 3741B12200G). SEISMIC MASS LOCATIONS AND SENSING AXIS ARE NOT MARKED

3 RECOMMENDED MOUNTING SURFACE SHOULD BE FLAT TO WITHIN .003[.08] TIR OVER Ø1.32[33.3] WITH A SURFACE FINISH OF 32[.08] FOR BEST RESULTS

2 CG-CENTER OF SEISMIC MEASUREMENT, TOLERANCE ±.03[.8]

1 RECOMMENDED MOUNTING TORQUE ON CAP SCREW, 6 in-LB[65 Ncm]

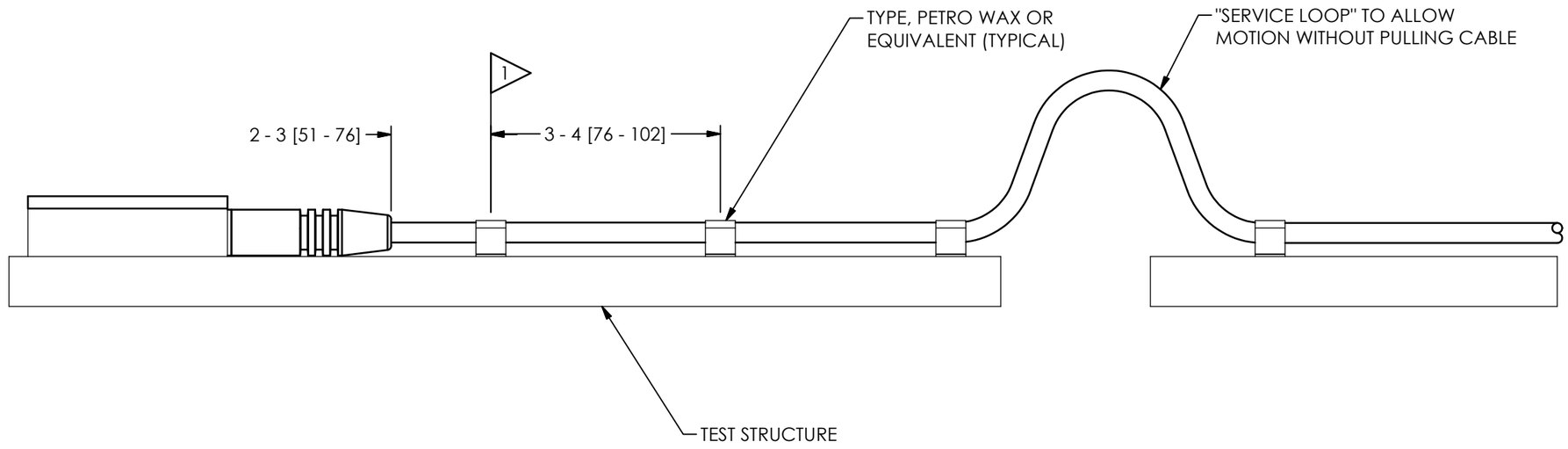
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER	
DIMENSIONS IN INCHES DECIMALS XX ±.01 XXX ±.005 ANGLES ± 2 DEGREES	DIMENSIONS IN MILLIMETERS [IN BRACKETS] DECIMALS X ± 0.3 XX ± 0.13 ANGLES ± 2 DEGREES	KSR	10/13/20	KSR	10/13/20	NF	10/13/20
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13	TITLE: INSTALLATION DRAWING MODEL 3741F SERIES DC ACCELEROMETER					

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

CODE IDENT. NO.	DWG. NO.	
52681	70535	
SCALE: 2X	SHEET 1 OF 2	

70535

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 3741 SERIES

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER	
DIMENSIONS IN INCHES DECIMALS XX ±.01 XXX ±.005 ANGLES ± 2 DEGREES	DIMENSIONS IN MILLIMETERS [IN BRACKETS] DECIMALS X ± 0.3 XX ± 0.13 ANGLES ± 2 DEGREES	KSR	10/13/20	KSR	10/13/20	NF	10/13/20
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13	TITLE: INSTALLATION DRAWING MODEL 3741F SERIES DC ACCELEROMETER					

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CODE IDENT. NO.	DWG. NO.	
52681	70535	
SCALE: 1.5X	SHEET 2 OF 2	