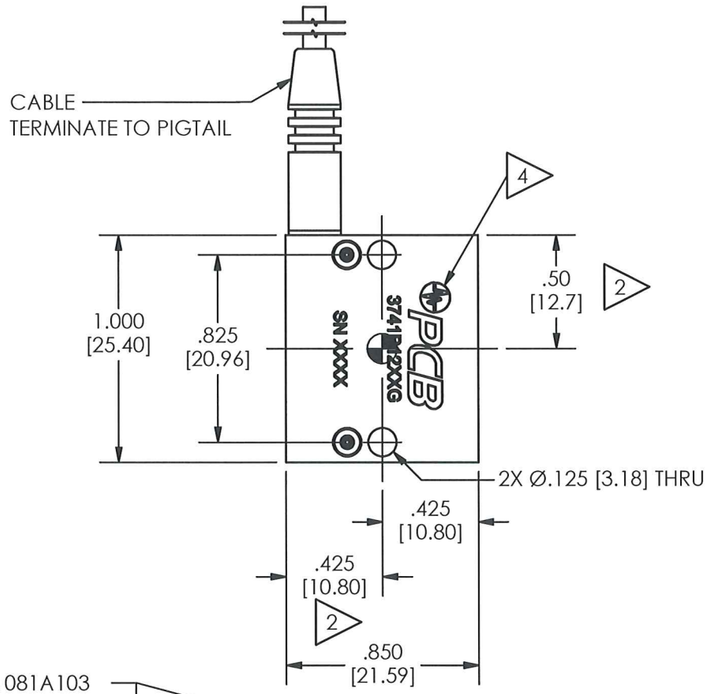
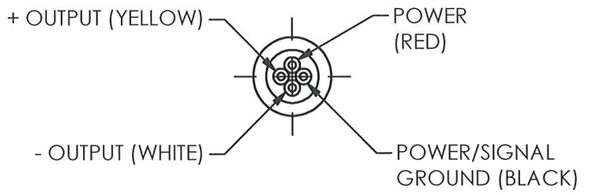
50864

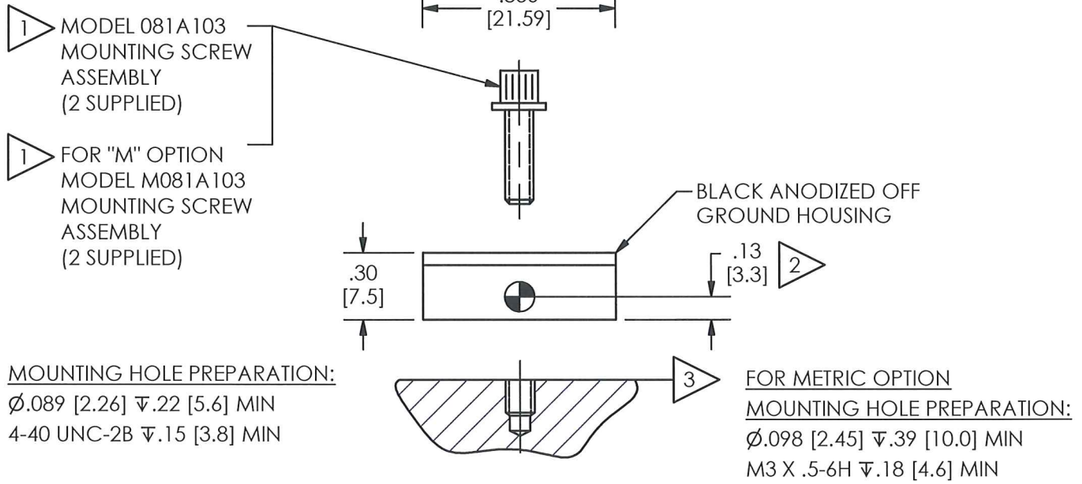
REVISIONS		
REV	DESCRIPTION	DIN
NR	RELEASED TO DRAFTING	36402





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

SHIELD:
CASE GROUND



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
M3 X .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 ARE NOT MARKED.

3 RECOMMENDED MOUNTING SURFACE SHOULD BE FLAT TO WITHIN .003 [.08] TIR OVER Ø1.32 [33.34] WITH A 32 [.08] FINISH FOR BEST RESULTS.

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

1 RECOMMENDED MOUNTING TORQUE ON CAP SCREW,6 IN-LBS [65 N-CM]

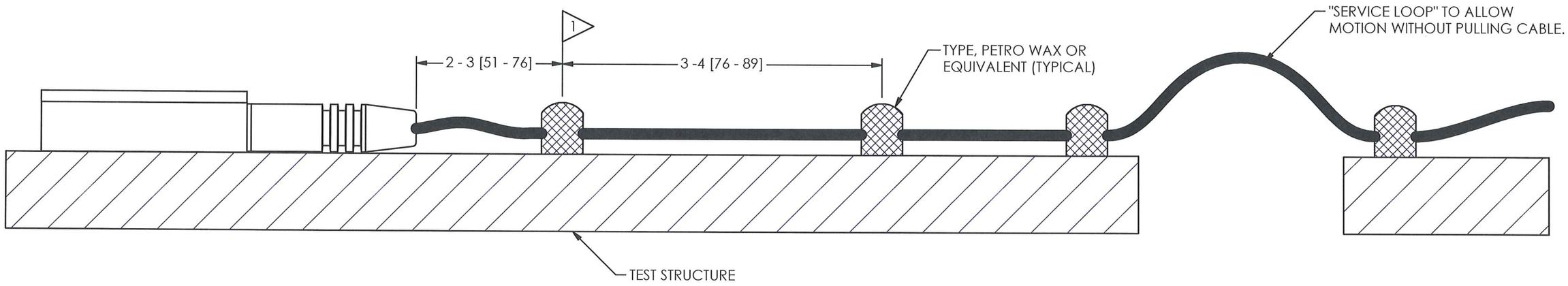
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN	CHECKED	ENGINEER
DIMENSIONS IN INCHES DECIMALS XX ±.01 XXX ±.005 ANGLES ± 2 DEGREES	DIMENSIONS IN MILLIMETERS [IN BRACKETS] DECIMALS X ± 0.3 XX ± 0.13 ANGLES ± 2 DEGREES	MDF 7/29/11	BMS 7/29/11	TCJ 7/29/11
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13	TITLE: INSTALLATION DRAWING MODEL 3741 SERIES DC ACCELEROMETER		

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

CODE IDENT. NO. 52681	DWG. NO. 50864	
SCALE: 1.5X	SHEET 1 OF 2	

50864

REVISIONS		
REV	DESCRIPTION	DIN
	- SEE SHEET ONE -	



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	MDE 7/24/11	BSS 7/29/11	TCJ 7/29/11
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13			

TITLE

INSTALLATION DRAWING
MODEL 3741 SERIES
DC ACCELEROMETER

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CODE IDENT. NO.	DWG. NO.
52681	50864
SCALE: 2X	SHEET 2 OF 2