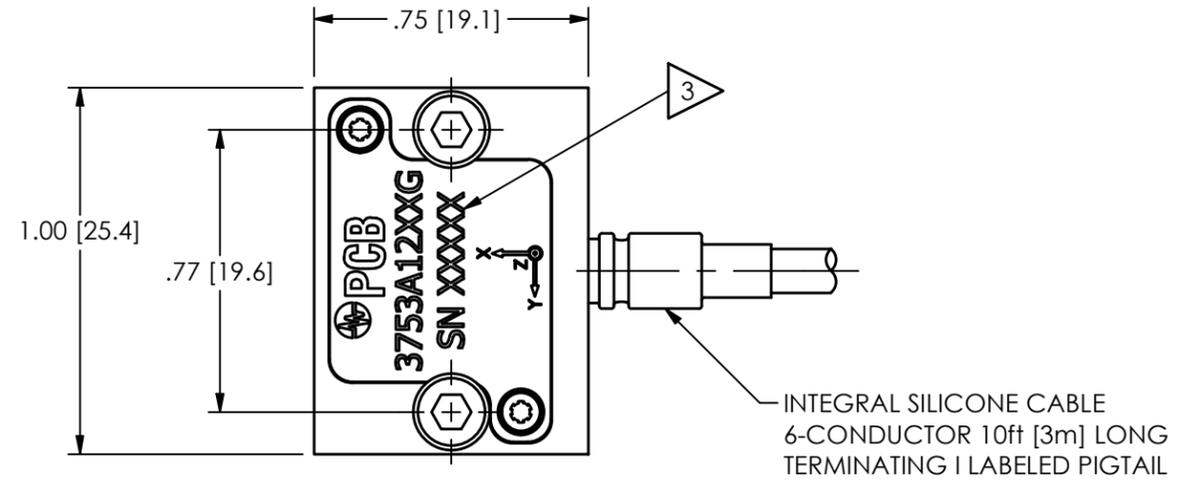


PCB Piezotronics Inc. claims proprietary rights in the information disclosed hereon. Neither it nor any reproduction thereof will be disclosed to others without the written consent of PCB Piezotronics Inc.

79743

REVISIONS		
REV	DESCRIPTION	DIN
NR	RELEASED TO DRAFTING	56326

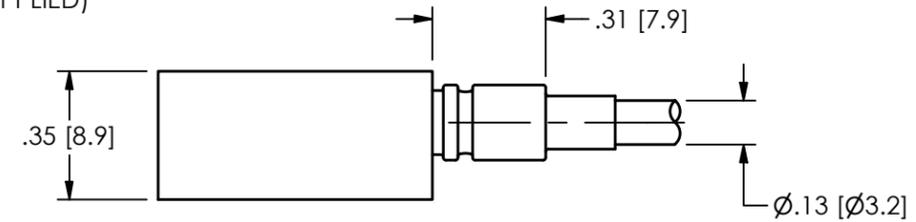
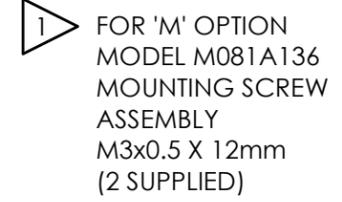
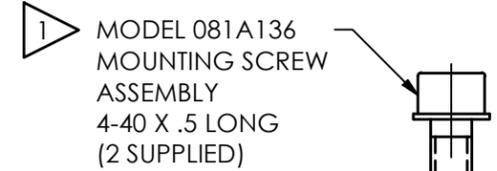


- CABLE TERMINATION:**
- 1.) RED (POWER)
 - 2.) BROWN (X OUTPUT)
 - 3.) GREEN (Y OUTPUT)
 - 4.) WHITE (Z OUTPUT)
 - 5.) BLACK (GROUND)
 - 6.) BLUE (NOT USED, TRIMMED FLUSH)
 - 7.) DRAIN WIRE (SHIELD/CASE GROUND)

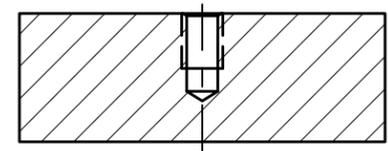
OUTPUT SIGNAL:
REFERENCE TO GROUND

POWER:
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



METRIC MOUNTING HOLE PREPARATION:
Ø.098[2.50] ∇.18 [4.6] MIN
M3 X 0.5-6H ∇.13 [3.3] MIN

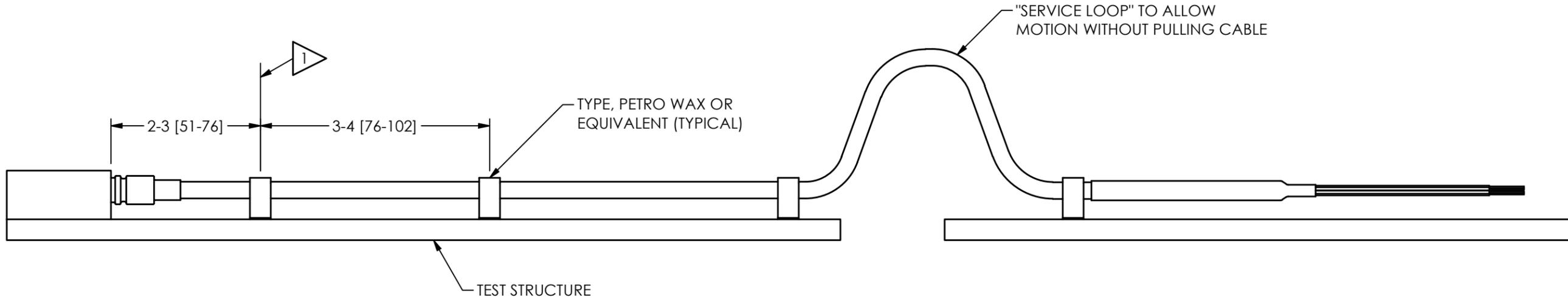
- 4.) SEE SHEET 2 OF 2 FOR CABLE STRAIN RELIEF INFORMATION
- 3 LASER MARK: PCB LOGO, PCB MODEL #, UNIQUE SN. "XX" IN MODEL NUMBER INDICATES FS RANGE (eg 3753A1240G).
- 2 RECOMMENDED MOUNTING SURFACE SHOULD BE FLAT TO WITHIN .003[0.08] TIR OVER Ø1.32[33.3] WITH A SURFACE FINISH OF 32[0.08] FOR BEST RESULTS
- 1 RECOMMENDED MOUNTING TORQUE ON CAP SCREW, 6 in-LB[65 Ncm]

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER		PCB PIEZOTRONICS		
DIMENSIONS IN INCHES		AME	1/30/26	JDM	1/30/26	LAB	1/30/26	AN AMPHENOL COMPANY		
DECIMALS XX ±.03 XXX ±.010		TITLE						3425 WALDEN AVE. DEPEW, NY 14043 (716) 684-0001 E-MAIL: sales@pcb.com		
ANGLES ± 2 DEGREES								52681		
CABLE TOLERANCES IN ENGLISH		INSTALLATION DRAWING MODEL 3753A12XXG SERIES VC TRIAXIAL ACCELEROMETER						SCALE: 2X		SHEET 1 OF 2
1" ≤ LENGTH < 1' = +1' / - 0 1' ≤ LENGTH < 5' = +2' / - 0 5' ≤ LENGTH < 100' = +6' / - 0 100' ≤ LENGTH = +1' / - 0								CODE IDENT. NO.		SIZE
DIMENSIONS IN MILLIMETERS [IN BRACKETS]		52681		B		79743				
DECIMALS X ± 0.8 XX ± 0.25										
ANGLES ± 2 DEGREES										
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										
FILLETS AND RADII .003 - .005										
FILLETS AND RADII 0.07 - 0.13										

79743

PCB Piezotronics Inc. claims proprietary rights in the information disclosed hereon. Neither it nor any reproduction thereof will be disclosed to others without the written consent of PCB Piezotronics Inc.

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 3753 SERIES

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER		PCB PIEZOTRONICS				
DIMENSIONS IN INCHES DECIMALS XX ±0.03 XXX ±0.010 ANGLES ± 2 DEGREES		DIMENSIONS IN MILLIMETERS [IN BRACKETS] DECIMALS X ± 0.8 XX ± 0.25 ANGLES ± 2 DEGREES		AME	1/30/26	JDM	1/30/26	LAB	1/30/26	AN AMPHENOL COMPANY		
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						3425 WALDEN AVE. DEPEW, NY 14043 (716) 684-0001 E-MAIL: sales@pcb.com		
FILLET AND RADII .003 - .005		FILLET AND RADII 0.07 - 0.13		INSTALLATION DRAWING MODEL 3753A12XXG SERIES VC TRIAXIAL ACCELEROMETER						CODE IDENT. NO. 52681	SIZE B	DWG. NO. 79743
										SCALE: 1.25X	SHEET 2 OF 2	