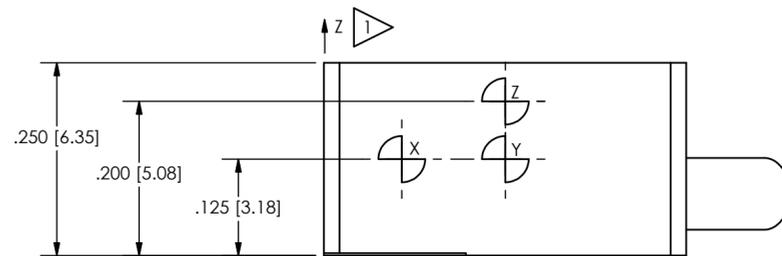
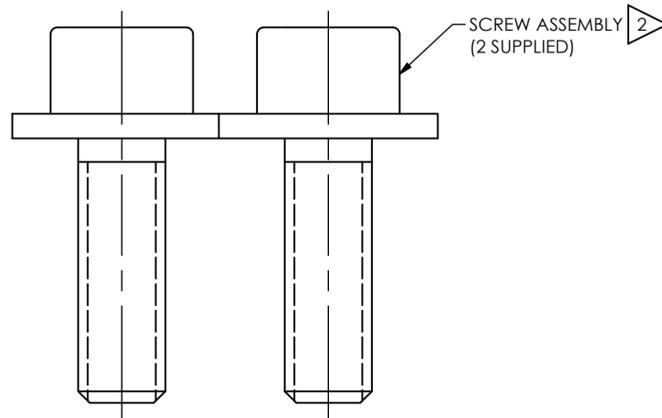
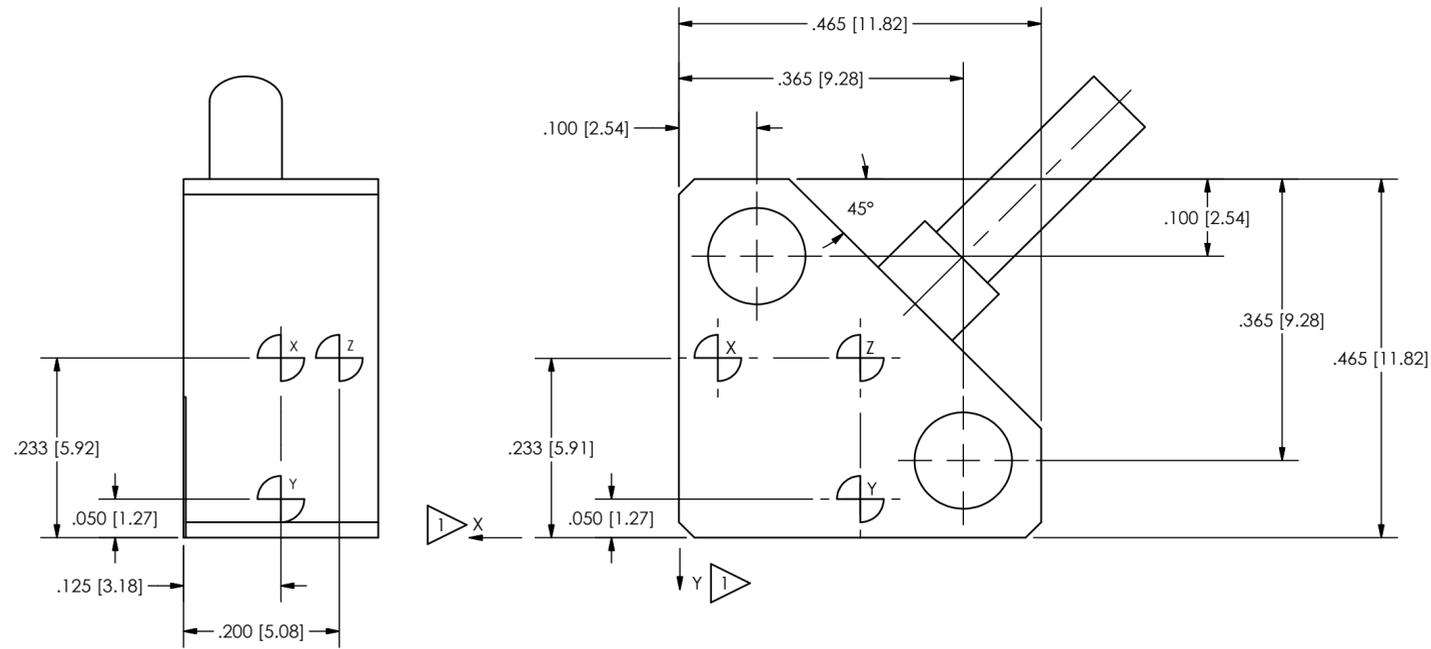


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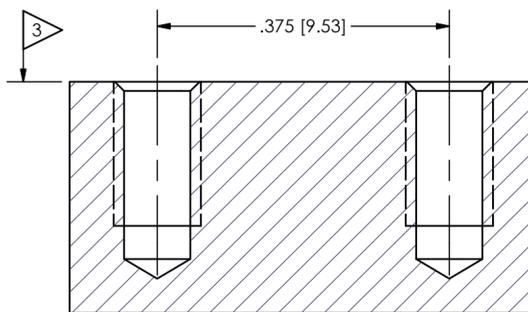
43021

REVISIONS		
REV	DESCRIPTION	DIN
C	ADDED INSTALLATION INFO	42669

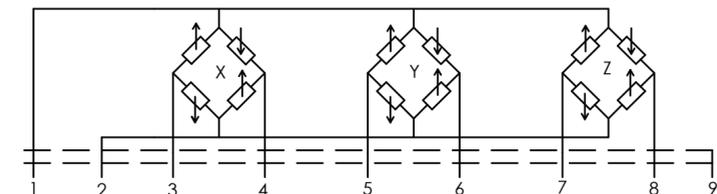


MOUNTING HOLE PREPARATION

Ø.089 [2.26] ∇ .230 [5.84]
4-40 UNC-2B ∇ .187 [4.75]



#	CONNECTION	COLOR
1	+ EXCITATION	RED
2	- EXCITATION	BLACK
3	- X-AXIS	BLUE
4	+ X-AXIS	YELLOW
5	- Y-AXIS	BROWN
6	+ Y-AXIS	ORANGE
7	- Z-AXIS	WHITE
8	+ Z-AXIS	GREEN
9	SHIELD	N/A



3 RECOMMENDED MOUNTING SURFACE SHOULD BE FLAT TO WITHIN .0003(.008) TIR OVER Ø.650[16.51] WITH A 32 [.08] FINISH FOR BEST RESULTS.

2 RECOMMENDED MOUNTING TORQUE ON CAP SCREW, 6-8 IN LBS[68-90 N-CM].

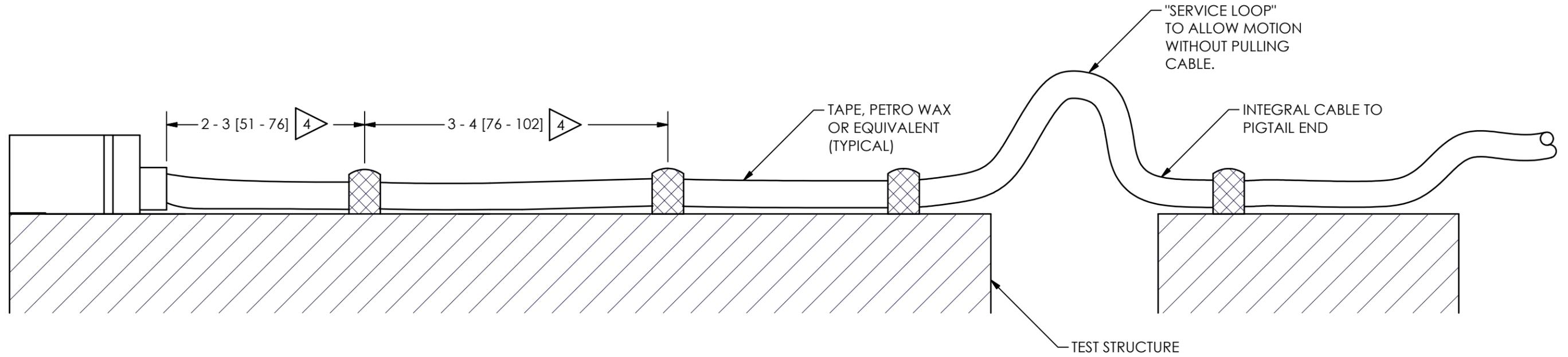
1 DIRECTIONS SHOWN DEPICT ACCELERATIONS CAUSING POSITIVE OUTPUT.

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN	CHECKED	ENGINEER	
DIMENSIONS IN INCHES	DIMENSIONS IN MILLIMETERS [IN BRACKETS]	JDM 6/2/14	ECB 6/2/14	MAM 6/2/14	
DECIMALS .XX ±.01 XXX ±.005	DECIMALS X ±.03 XX ±.013	TITLE			CODE IDENT. NO. 52681
ANGLES ± 2 DEGREES	ANGLES ± 2 DEGREES	INSTALLATION DRAWING 3503A10XXKG TRIAxIAL MEMS SHOCK ACCELEROMETER			DWG. NO. 43021
FILLET AND RADII .003 - .005	FILLET AND RADII 0.07 - 0.13	SCALE: 6X			SHEET 1 OF 2

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REVISIONS		
REV	DESCRIPTION	DIN
	-SEE SHEET ONE-	



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 3991 SERIES.

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER	
DIMENSIONS IN INCHES	DIMENSIONS IN MILLIMETERS [IN BRACKETS]	JDM	6/2/14	ECB	6/2/14	MAM	6/2/14
DECIMALS XX ±.01 XXX ±.005	DECIMALS X ±.03 XX ±.013	TITLE INSTALLATION DRAWING 3503A10XXKG TRIAxIAL MEMS SHOCK ACCELEROMETER					
ANGLES ± 2 DEGREES	ANGLES ± 2 DEGREES						
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13	CODE IDENT. NO. 52681		DWG. NO. 43021		SCALE: 3X SHEET 2 OF 2	

PCB PIEZOTRONICS™

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