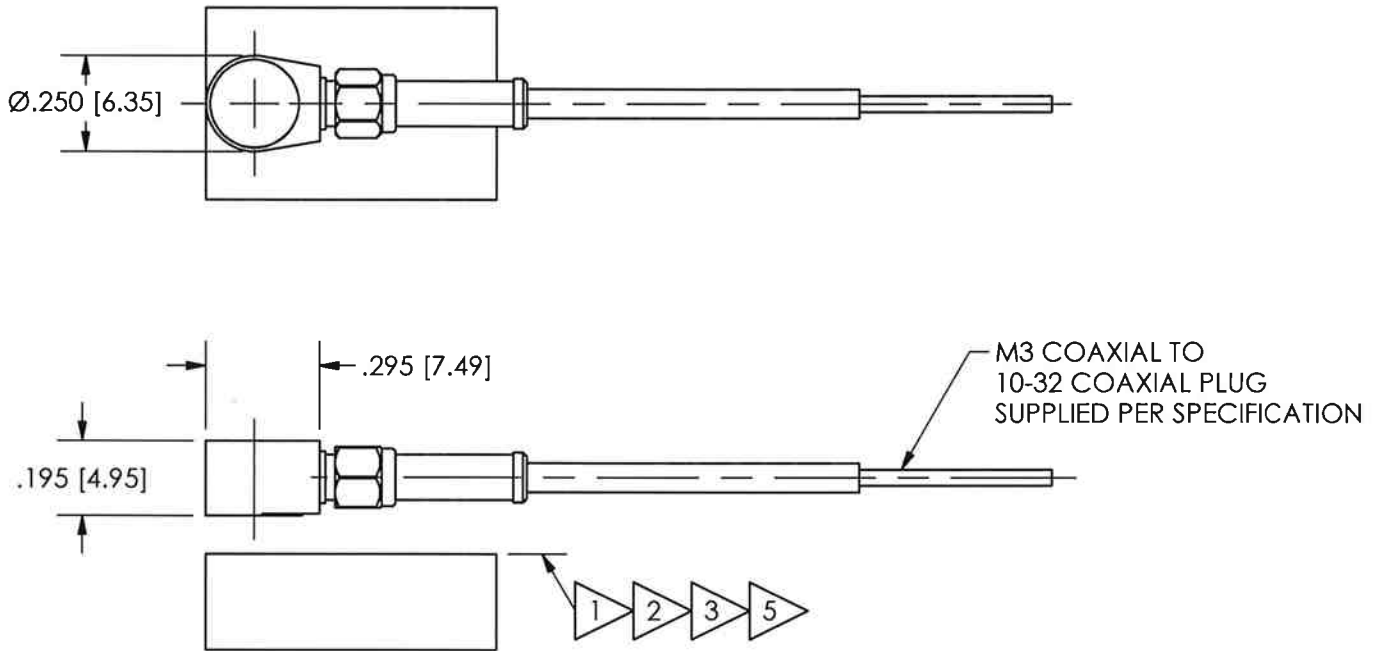


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REVISIONS

REV	DESCRIPTION	ECO
NR	RELEASED TO DRAFTING	
A	UPDATE DRAWING TO REFLECT CABLE CHANGE	31718



- 5 BE CAREFUL NOT TO APPLY "QUICK BONDING GEL" TO CONNECTOR THREADS, IMPROPER CONNECTOR MATING WILL RESULT.
- 4.) SEE SHEET 2 FOR CABLE STRAIN RELIEF AND REMOVAL INFORMATION.
- 3 FOR SEMI-PERMANENT MOUNTING USE MODEL 080A90 "QUICK BONDING GEL" OR EQUIVALENT.
- 2 FOR TEMPORARY MOUNTING APPLICATIONS, USE PETRO WAX (MODEL 080A109). APPLY APPROXIMATELY 5 POUNDS [22 NEWTONS] OF FORCE TO TOP OF ACCELEROMETER CREATING A THIN BUT HOMOGENOUS LAYER OF WAX.
- 1 RECOMMENDED MOUNTING SURFACE SHOULD BE FLAT TO WITHIN .003[.08] TIR OVER Ø.375[9.52] WITH A 32 [.8] FINISH FOR BEST RESULTS.

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

DIMENSIONS IN INCHES

DECIMALS XX ±.03
XXX ±.010

ANGLES ± 2 DEGREES

FILLETS AND RADII
.003 - .005

DIMENSIONS IN MILLIMETERS [IN BRACKETS]

DECIMALS X ± 0.8
XX ± 0.25

ANGLES ± 2 DEGREES

FILLETS AND RADII
0.07 - 0.13

DRAWN

IND

11/19/09

CHECKED

ECB

11/20/09

ENGINEER

GLB

11/19/09

TITLE

OUTLINE DRAWING
MODEL 357A07 SERIES
ACCELEROMETER

PCB PIEZOTRONICS

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

CODE
IDENT. NO.
52681

DWG. NO.

37628

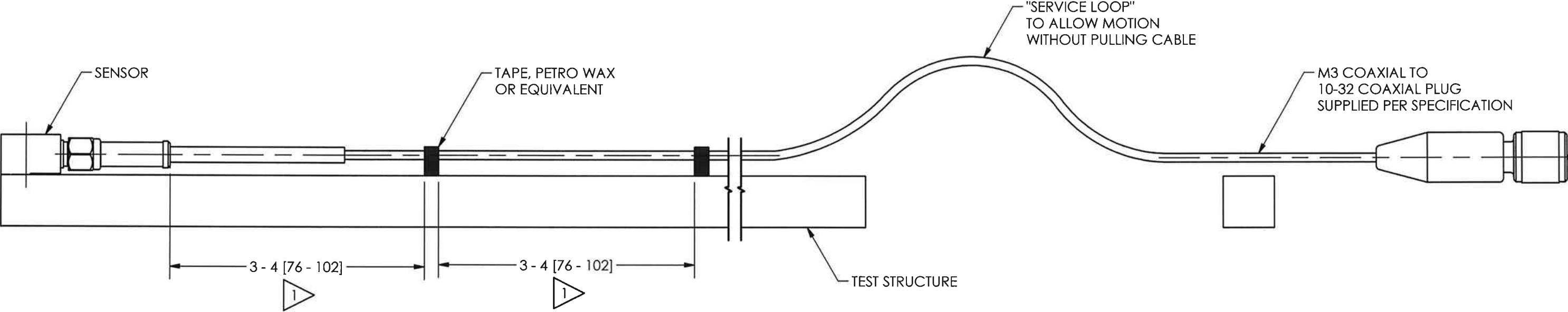
SCALE: 2 X

SHEET 1 OF 2

37628

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REVISIONS		
REV	DESCRIPTION	ECO
	- SEE SHEET ONE -	



2.) TO AVOID UNNECESSARY DAMAGE TO THE SENSOR AND/OR CABLE, USE THE SUPPLIED REMOVAL TOOL (MODEL 039A28). A QUICK TWISTING MOTION WILL FREE THE SENSOR FROM THE TEST STRUCTURE.

1 FASTEN CABLE TO TEST STRUCTURE TYPICALLY WITHIN 3-4 [76-102] OF SENSOR THEN FASTEN AGAIN WITHIN 3-4 [76-102] 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 RECIEVED FROM MODEL 357A07.

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER		 PCB PIEZOTRONICS 3425 WALDEN AVE. DEPEW, NY 14043 (716) 684-0001 E-MAIL: sales@pcb.com	
DIMENSIONS IN INCHES	DIMENSIONS IN MILLIMETERS [IN BRACKETS]	MOF	11/19/09	ECB	11/20/09	GLB	11/19/09	CODE IDENT. NO. 52681	
DECIMALS XX ±.03 XXX ±.010	DECIMALS X ± 0.8 XX ± 0.25	TITLE OUTLINE DRAWING MODEL 357A07 SERIES ACCELEROMETER						DWG. NO. 37628	
ANGLES ± 2 DEGREES	ANGLES ± 2 DEGREES							SCALE: 2 X	
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13								