

11542

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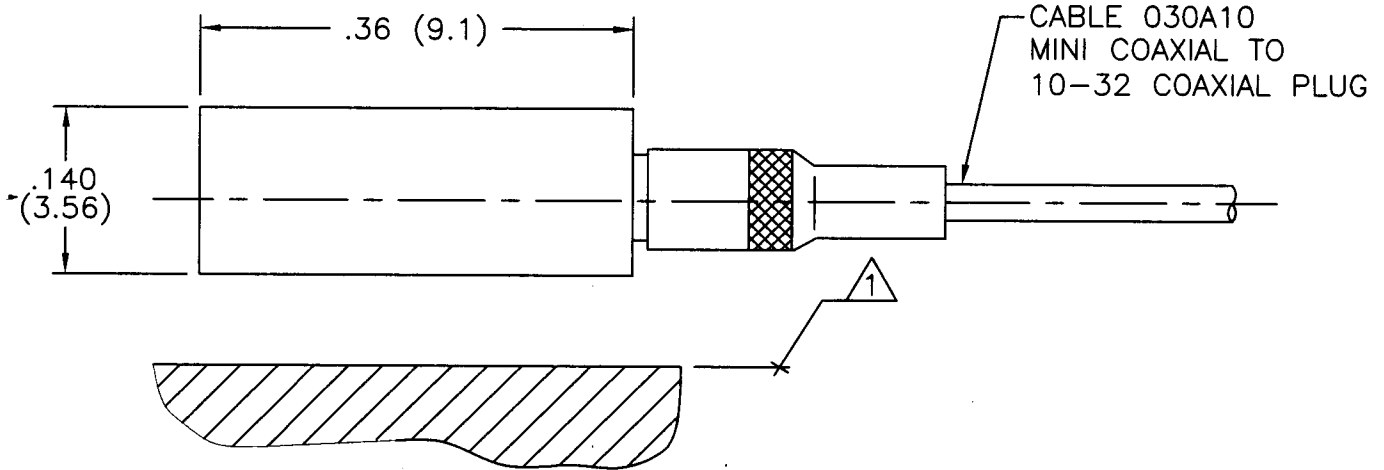
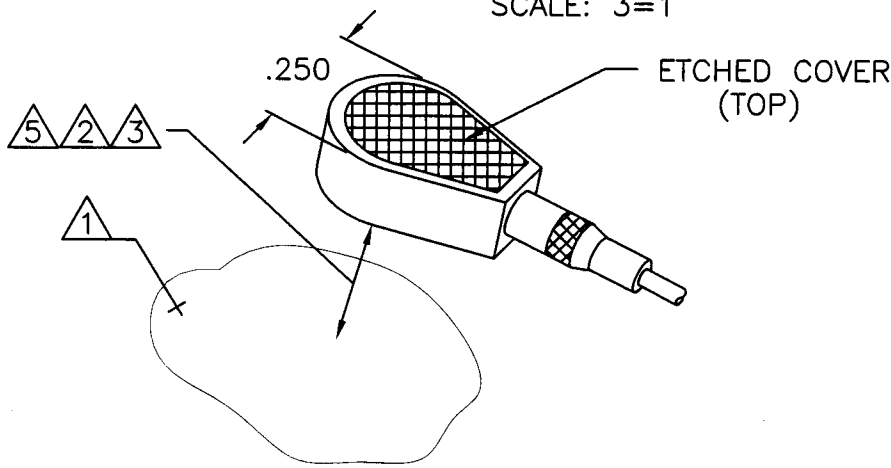
APPLICATION

NEXT ASS'Y	USED ON	VAR

REVISIONS

REV	DESCRIPTION	ECN	DATE	APP'D
A	CHANGE REMOVAL TOOL	16343	3/26/03	oms/03

3D VIEW  
SCALE: 3=1



- ⚠ BE CAREFUL TO NOT APPLY "QUICK BONDING GEL" TO CONNECTOR THREADS, IMPROPER CONNECTOR MATING WILL RESULT.
- 4.) SEE SHEET 2 OF 2 FOR CABLE STRAIN RELIEF AND REMOVAL INFORMATION.
- ⚠ FOR SEMI-PERMANENT MOUNTING USE MODEL 080A90 "QUICK BONDING GEL" OR EQUIVALENT.
- ⚠ 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 HOMOGENEOUS LAYER OF WAX.
- ⚠ RECOMMENDED MOUNTING SURFACE SHOULD BE FLAT TO WITHIN .003(.08) TIR OVER  $\phi .375(\phi 9.52)$  WITH A  $32\sqrt{}$  ( $0.8\sqrt{}$ ) FINISH FOR BEST RESULTS.

UNLESS SPECIFIED: TOLERANCES

DIMENSIONS IN INCHES	DIMENSIONS IN MILLIMETERS [IN BRACKETS]
DECIMALS XX ±.01	DECIMALS X ±0.3
XXX ±.005	XX ±0.13
ANGLES ±2 DEGREES	ANGLES ±2 DEGREES
FILLETS AND RADII .003 - .005	FILLETS AND RADII [0.07 - 0.13]

DRAWN	<i>Pm</i>	3/31/03	MFG	<i>AL</i>	3/31/03
CHK'D	<i>DM</i>	3/31/03	ENGR	<i>DM</i>	4/1/03
APP'D	<i>3/2/03</i>	4/2/03	SALES	<i>WJC</i>	4/1/03

**PCB PIEZOTRONICS™**  
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TITLE  
 INSTALLATION DRAWING  
 MODEL 352A21  
 ACCELEROMETER

CODE IDENT. NO. 52681  
 DWG. NO. 11542

11542

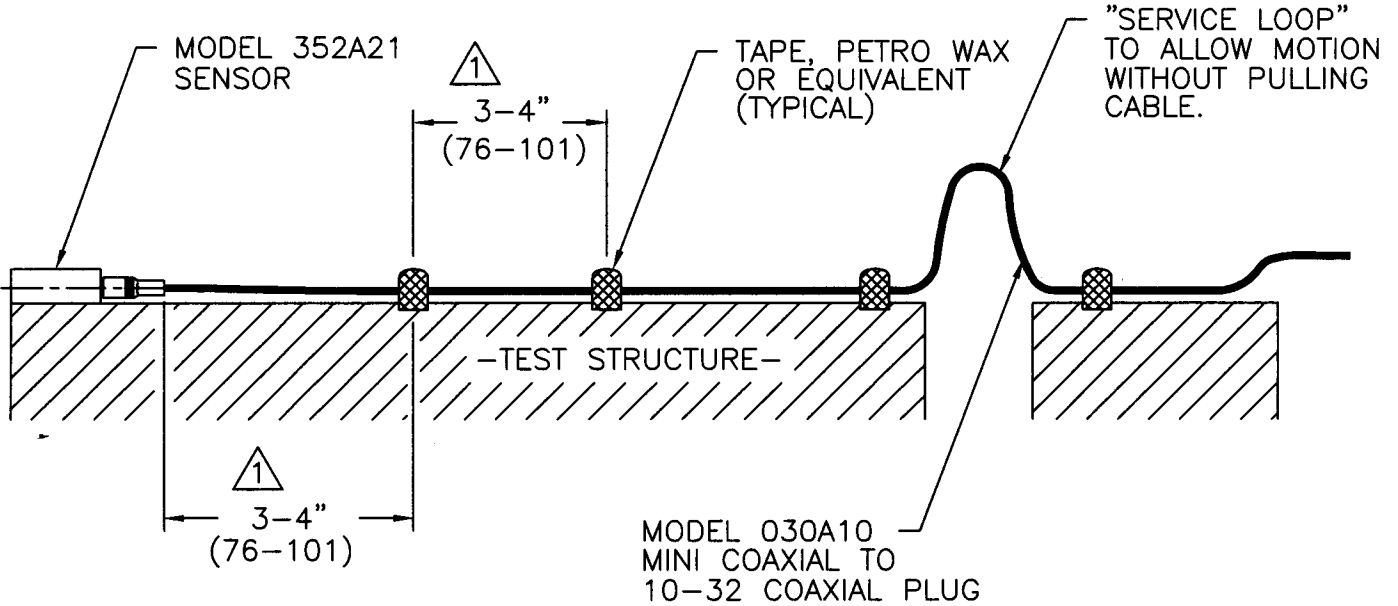
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APPLICATION

NEXT ASS'Y	USED ON	VAR

REVISIONS

REV	DESCRIPTION	ECN	DATE	APP'D
A	-SEE SHEET ONE-	16343	3/26/03	DMS/03



2.) TO AVOID UNNECESSARY DAMAGE TO THE SENSOR AND/OR CABLE, USE THE SUPPLIED REMOVAL TOOL (MODEL 039A27). A QUICK TWISTING MOTION WILL FREE THE SENSOR FROM THE TEST STRUCTURE.

1 FASTEN CABLE TO TEST STRUCTURE TYPICALLY WITHIN 3-4"(76-101) 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 352A21.

UNLESS SPECIFIED: TOLERANCES

DIMENSIONS IN INCHES	DIMENSIONS IN MILLIMETERS [IN BRACKETS]
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XXX ±.005	XX ±0.13
ANGLES ±2 DEGREES	ANGLES ±2 DEGREES
FILLETS AND RADII .003 - .005	FILLETS AND RADII [0.07 - 0.13]

DRAWN	pm	3/31/03	MFG	AL	3/31/03
CHK'D	dsm	3/31/03	ENGR	DMS	4/1/03
APP'D	[Signature]	4/2/03	SALES	WR	4/1/03

TITLE  
INSTALLATION DRAWING  
MODEL 352A21  
ACCELEROMETER

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CODE IDENT. NO. 52681	DWG. NO. 11542
SCALE: FULL SHEET 2 OF 2	