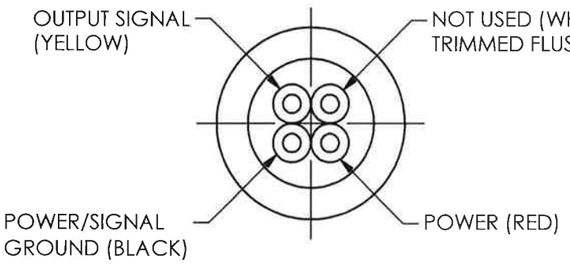
45481

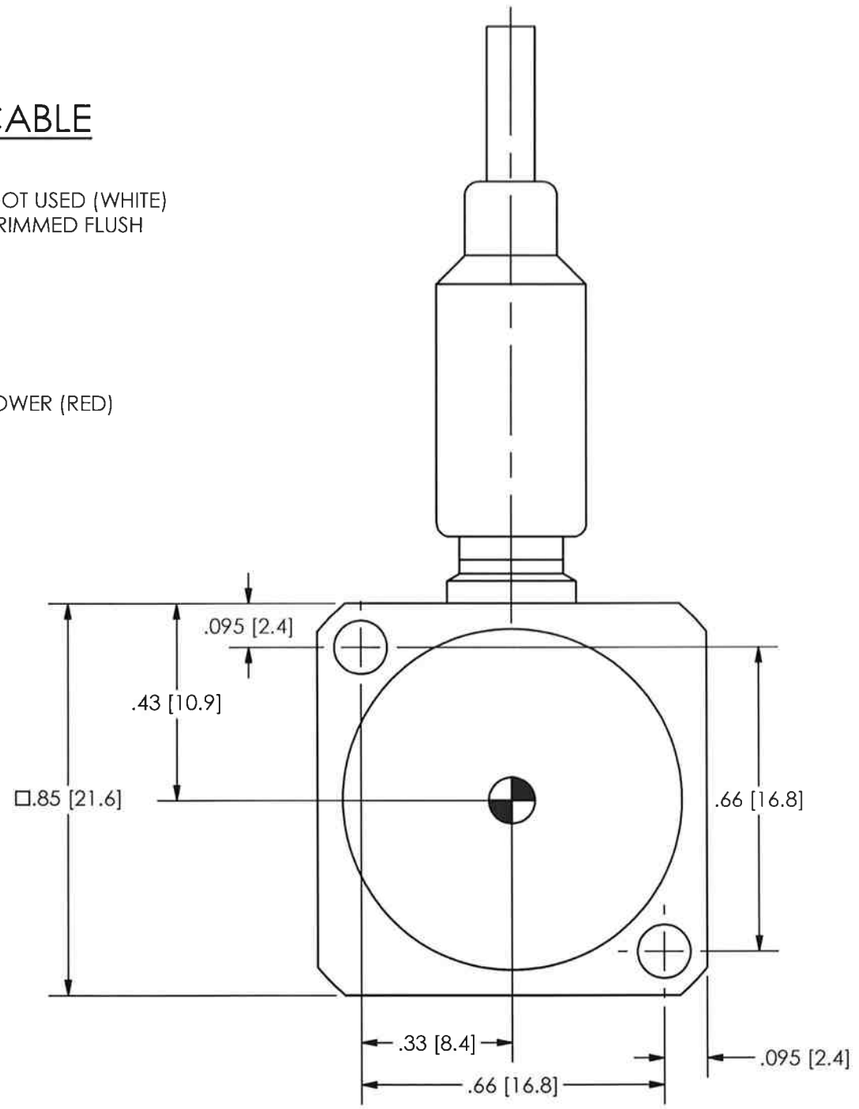
REVISIONS		
REV	DESCRIPTION	ECO
NR	RELEASED TO DRAFTING	

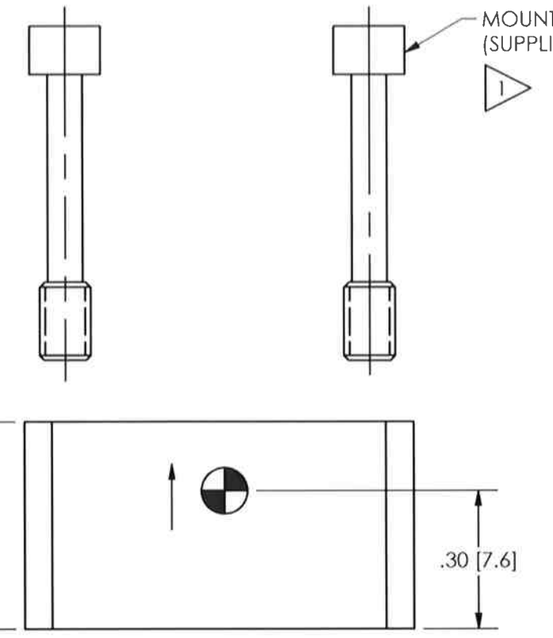
FRONT VIEW OF CABLE

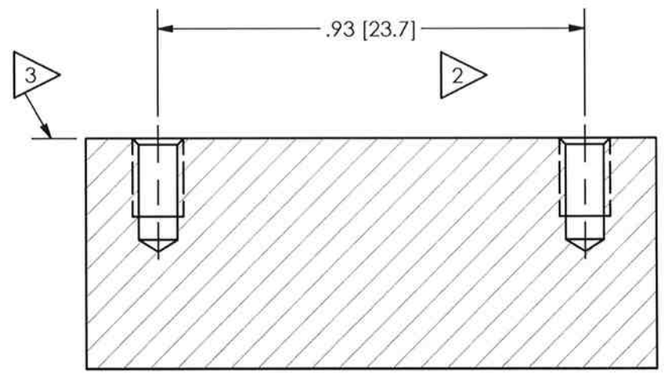


OUTPUT SIGNAL: (YELLOW)
REFERENCE TO GROUND

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







MOUNTING HOLE PREPARATION:
ENGLISH THREADS:
Ø.089 [2.26]↧ .220 [5.59]MIN
4-40 UNC-2B ↧ .170 [4.32] MIN

METRIC THREADS:
Ø.089 [2.05] ↧ .180 [4.57] MIN
M2.5 X 0.45-6H ↧ .130 [3.30]MIN

5.) SEE SHEET 2 OF 2 FOR CABLE STRAIN RELIEF INFORMATION.

4.) ◒ CG-CENTER OF SEISMIC MEASUREMENT

3 RECOMMENDED MOUNTING SURFACE SHOULD BE FLAT TO WITHIN .003 [0.08] TIR OVER Ø1.2 [Ø30] WITH A 63 [1.6]√ FINISH FOR BEST RESULTS.

2 DIAGONAL MOUNTING DIMENSION BETWEEN HOLES.

1 RECOMMENDED MOUNTING TORQUE ON CAP SCREW, 4-5 IN-LBS [45-55 N-CM].

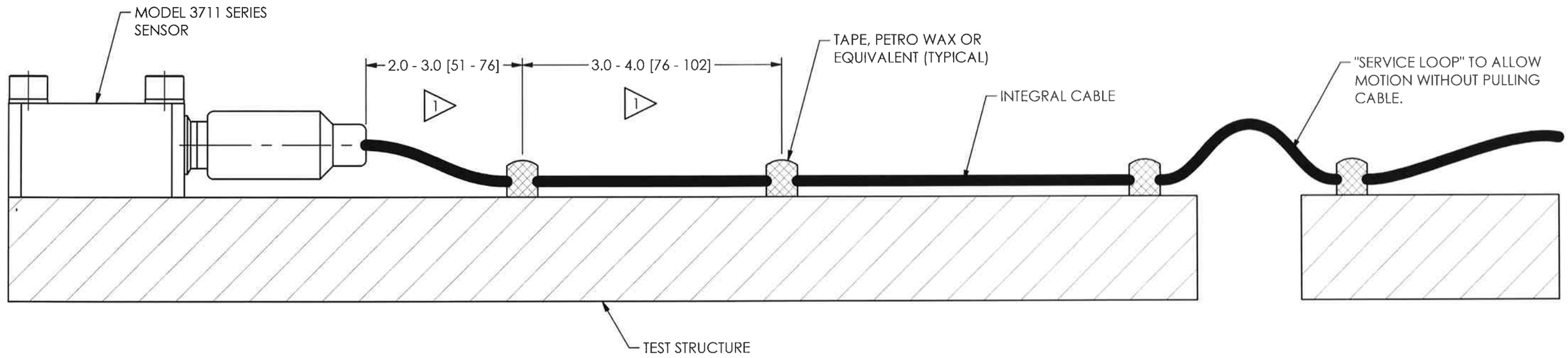
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		DRAWN		CHECKED		ENGINEER	
DIMENSIONS IN INCHES DECIMALS XX ±.01 XXX ±.005 ANGLES ± 2 DEGREES	DIMENSIONS IN MILLIMETERS [IN BRACKETS] DECIMALS X ±0.3 XX ±0.13 ANGLES ± 2 DEGREES	ECB	4/22/10	ECB	4/22/10	TCJ	2/16/10
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13	TITLE: INSTALLATION DRAWING MODEL 3711B12 SERIES DC ACCELEROMETER					

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

CODE IDENT. NO. 52681	DWG. NO. 45481
SCALE: 3 X	SHEET 1 OF 2

45481

REVISIONS		
REV	DESCRIPTION	ECO
	- SEE SHEET ONE -	



1 FASTEN CABLE TO TEST STRUCTURE TYPICALLY WITHIN 2.0 - 3.0 [51 - 76] OF SENSOR. THEN FASTEN AGAIN WITHIN 3.0 - 4.0 [76 - 101] OF PERVIOUS 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 3711 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	ECB 4/22/10	ECB 4/22/10	TCJ 2/16/10
FILLETS AND RADII .003 - .005	FILLETS AND RADII 0.07 - 0.13			

TITLE
INSTALLATION DRAWING
MODEL 3711B12 SERIES
DC ACCELEROMETER

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CODE IDENT. NO.	DWG. NO.
52681	45481
SCALE: NONE	SHEET 2 OF 2