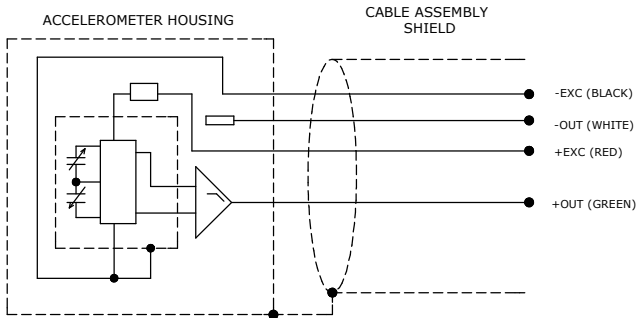


**SPECIFICATIONS:**

All values are typical at +24°C (+75°F) and 12Vdc excitation unless otherwise stated.

PARAMETERS	VALUE							UNITS
DASH NO.	-002	-005	-010	-030	-050	-100	-200	
DYNAMIC RANGE	±2	±5	±10	±30	±50	±100	±200	g
SENSITIVITY ±10% (DIFFERENTIAL)	1000	400	200	67	40	20	10	mV/g
FREQUENCY RESPONSE ±5%	0-250	0-700	0-1000	0-1000	0-1000	0-1000	0-1000	Hz
RESIDUAL NOISE (PASSBAND)	200	250	300	300	300	300	300	µV RMS
SHOCK LIMIT	2000	5000	5000	5000	5000	5000	5000	g

PARAMETERS	VALUE	UNITS
ZERO ACCELERATION OUTPUT (DIFFERENTIAL)	± 50	mV
TRANSVERSE SENSITIVITY	< 3	%
NON-LINEARITY (BFSL)	±1	% FSO
THERMAL ZERO SHIFT, REFERENCE 24°C (75°F)	-40 to +100°C (-40 to +212°F)	±2.5
	-54 to +121°C (-65 to +250°F)	±3.0
THERMAL SENSITIVITY SHIFT, REFERENCE 24°C (75°F)	-40 to +100°C (-40 to +212°F)	±3.0
	-54 to +121°C (-65 to +250°F)	±3.5
EXCITATION VOLTAGE	8 to 36	Vdc
EXCITATION CURRENT	< 5	mA
COMMON MODE VOLTAGE	1.6	Vdc
FULL SCALE OUTPUT VOLTAGE	±2	Vpk (FSO = 2V)
OUTPUT IMPEDANCE	< 100	Ω
INSULATION RESISTANCE (@100Vdc)	> 100	MΩ
OPERATING TEMPERATURE	-54 to +121 (-65 to +250)	°C (°F)
HUMIDITY (ACTIVE ELEMENT & ELECTRONICS)	Hermetic Seal	
HUMIDITY (HOUSING)	Silicone Potted IP65	
WEIGHT (CABLE NOT INCLUDED)	10	Grams
MOUNTING TORQUE	6 (0.7)	lb-in (N-m)
TURN ON TIME	< 100	mSEC



**NOTE:**

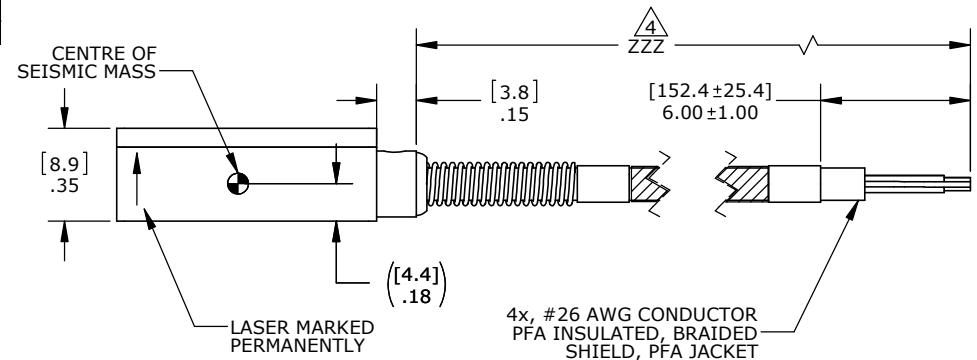
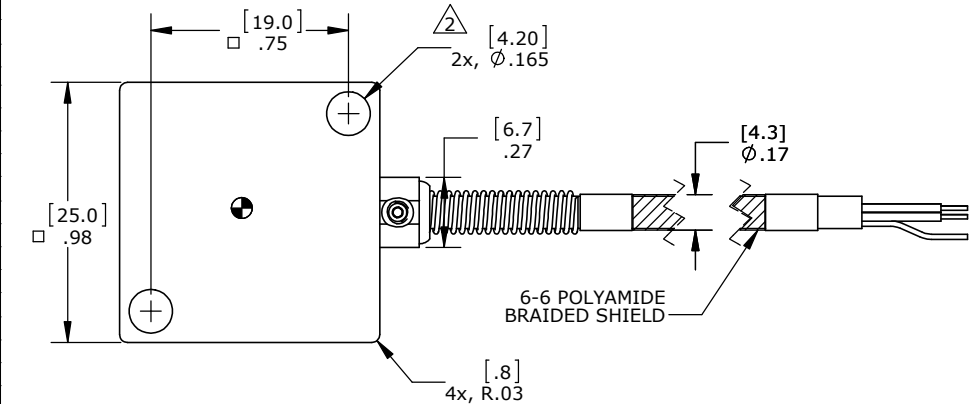
- ELECTRICAL ISOLATION IS PROVIDED BY ANODIZED ALUMINUM HOUSING.
- FOR #8-32 (UNIFIED SCREW THREAD) OR M4 METRIC SOCKET HEAD CAP SCREW.
- MODEL NUMBER, (SEE SHEET 2 OF 2 FOR MODEL NUMBER WITH STANDARD OPTION)  
4604M9-XXX-ZZZ-Y-C

STANDARD SPECIAL REQUIREMENT  
OTHERWISE LEAVE BLANK  
CABLE LENGTH (INCHES) [e.g. 120 IS 120 INCHES OF CABLE]  
RANGE (g) [e.g. 100 IS 100g RANGE]

- CABLE LENGTH TOLERANCE SEE TABULATION.

**REVISIONS**

REV	DESCRIPTION	DRAWN/DATE	CHECK./DATE	APPR./DATE
D	CHANGE MOUNTING HOLES	CL/1-04-15	AR/1-04-15	TFC/1-04-15
E	UPDATE -1 STANDARD OPTION, WIRING CODE TO A7	CL/1-29-16	AR/1-29-16	TFC/1-29-16
F	CHANGE VALUE IN THE RESIDUAL NOISE	CL/6-22-16	AR/6-22-16	TFC/6-22-16



TABULATION 4	
ZZZ	TOLERANCE
≤ 4 [102]	+0.5 [13] -0 [0]
> 4 [102] & ≤ 12 [305]	+1 [25] -0 [0]
> 12 [305] & ≤ 60 [1524]	+2 [51] -0 [0]
> 60 [1524] & ≤ 120 [3048]	+4 [102] -0 [0]
> 120 [3048] & ≤ 360 [9144]	+6 [152] -0 [0]
> 360 [9144]	+12 [305] -0 [0]

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES [mm]	DRAWN	C.L.	10-13-15
	CHECKED	A.R.	10-13-15
	ENG APPR.	TFC	10-13-15
TOLERANCES:	MFG APPR.	---	---
ANGULAR TWO PLACE DECIMAL ±.25° THREE PLACE DECIMAL ±.010 [0.25]	Q.A. APPR.	---	---
MATERIAL	COMMENTS:		
FINISH	DO NOT SCALE DRAWING. INTERPRET GEOMETRIC TOLERANCING PER ANSI Y14.5M - 1994.		
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MEASUREMENT SPECIALTIES, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF MEASUREMENT SPECIALTIES, INC. IS PROHIBITED.			



Aliso Viejo, CA 92656

TITLE:  
**MODEL 4604M9-XXX-ZZZ-C  
ACCELEROMETER**

SIZE	DWG. NO.	REV
<b>B</b>	OD-4604M9-XXX-ZZZ-C	<b>F</b>
SCALE:	WEIGHT:	SHEET 1 OF 2

The following table defines standard optional features available on 4604M9 series accelerometers and their part number designations for ordering.

Part number will be 4604M9-XXX-ZZZ-Y-C

Option Designation -Y	Standard Optional Feature Description: Product is same as standard product except as noted below.
-1	Add Lemo FGG.1B.307.CLAD52Z connector and wire as drawing AC-S-CONN, Wiring Code A7



SIZE	DWG. NO.	REV
<b>B</b>	OD-4604M9-XXX-ZZZ-C	<b>F</b>
		SHEET 2 OF 2