

	<u>ENGLISH</u>	<u>SI</u>	
<b>Performance</b>			
Sensitivity(± 10 %)	1.15 pC/g	.117 pC/(m/s <sup>2</sup> )	
Measurement Range	± 1000 g pk	± 9800 m/s <sup>2</sup> pk	
Frequency Range(± 10 %)	10 kHz	10 kHz	
Resonant Frequency	45 kHz	45 kHz	[1]
Non-Linearity(per full scale range)	≤ 1 %	≤ 1 %	[3]
Transverse Sensitivity	≤ 5 %	≤ 5 %	
<b>Environmental</b>			
Overload Limit(Shock)	± 2000 g pk	± 19,600 m/s <sup>2</sup> pk	
Temperature Range(Operating)	-67 to 1200 °F	-55 to 649 °C	
Temperature Range(Survivable Limit)	-67 to 1400 °F	-55 to 760 °C	
Temperature Range(Cable Termination)	-67 to 900 °F	-55 to 482 °C	
Temperature Response	See Graph	See Graph	[1]
Radiation Exposure Limit(Integrated Neutron Flux)	1E10 N/cm <sup>2</sup>	1E10 N/cm <sup>2</sup>	
Radiation Exposure Limit(Integrated Gamma Flux)	1E8 rad	1E8 rad	
<b>Electrical</b>			
Capacitance	1000 pF	1000 pF	[1][2]
Insulation Resistance(@ 1200°F[649°C])	≥ 30 kohm	≥ 30 kohm	
Insulation Resistance(@ 70° F [21°C])	≥ 1 GOhm	≥ 1 GOhm	
Electrical Isolation	Signal isolated from case	Signal isolated from case	
<b>Physical</b>			
Sensing Geometry	Shear	Shear	
Housing Material	Nickel Alloy	Nickel Alloy	
Sealing(Sensor Housing)	Hermetic	Hermetic	
Sealing(Connector)	Welded Hermetic	Welded Hermetic	
Size (Height x Length x Width)	.47 in x .87 in x .51 in	11.9 mm x 22.1 mm x 13 mm	
Weight(without cable)	.54 oz	15 gm	[1]
Electrical Connector	Integral Hardline Cable	Integral Hardline Cable	
Cable Length	10 ft	3.05 m	
Cable Type	MI Hardline Cable	MI Hardline Cable	
Cable Termination	10-32 Coaxial Jack	10-32 Coaxial Jack	
Mounting	Through Holes (2)	Through Holes (2)	
Mounting Thread	6-32 Male	6-32 Male	

**OPTIONAL VERSIONS**

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

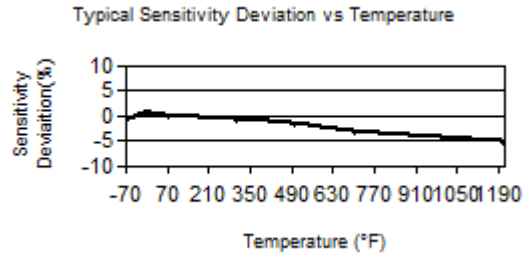
**NOTES:**

[1] Typical.  
 [2] Additional cable length will add approx. 100pF/ft.  
 [3] Zero-based, least-squares, straight line method.  
 [4] See PCB Declaration of Conformance PS081 for details.

**SUPPLIED ACCESSORIES:**

Model 64287-01 Mounting Stud 5-40 to 10-32 (1)  
 Model 68978-01 6-32 X 1/4" SHCS (2)  
 Model ACS-44 Extended amplitude response, upper 5% point to 10% point (requires ACS-1 or equivalent). (1)

Entered: LK	Engineer: JJD	Sales: MC	Approved: NJF	Spec Number:
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*All specifications are at room temperature unless otherwise specified.  
 In the interest of constant product improvement, we reserve the right to change specifications without notice.*