

	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Sensitivity(± 20 %)	0.35 pC/g	0.036 pC/(m/s ²)	
Measurement Range	± 1000 g pk	± 9800 m/s ² pk	
Frequency Range(+5 %)	12 kHz	12 kHz	[2]
Frequency Range(+10 %)	20 kHz	20 kHz	[2]
Resonant Frequency	≥ 70 kHz	≥ 70 kHz	
Non-Linearity	≤ 1 %	≤ 1 %	[3]
Transverse Sensitivity	≤ 5 %	≤ 5 %	
Environmental			
Overload Limit(Shock)	± 10,000 g pk	± 98,100 m/s ² pk	
Temperature Range	-100 to +350 °F	-100 to +350 °F	
Temperature Response	See Graph	See Graph	[1]
Temperature Response	See Graph	See Graph	
Temperature Response	See Graph	See Graph	
Electrical			
Capacitance	140 pF	140 pF	[1]
Insulation Resistance(at 70° F [21°C])	>10 ¹⁰ Ohm	>10 ¹⁰ Ohm	
Output Polarity	Negative	Negative	
Electrical Isolation(Base)	≥ 10 ⁸ Ohm	≥ 10 ⁸ Ohm	
Physical			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Aluminum	Aluminum	
Sealing	Epoxy	Epoxy	
Size (Height x Diameter x Width)	0.11 in x 0.16 in x 0.27 in	2.8 mm x 4.1 mm x 6.9 mm	
Weight	0.006 oz	0.16 gm	[1]
Electrical Connector	3-56 Coaxial Jack	3-56 Coaxial Jack	
Electrical Connection Position	Side	Side	

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.

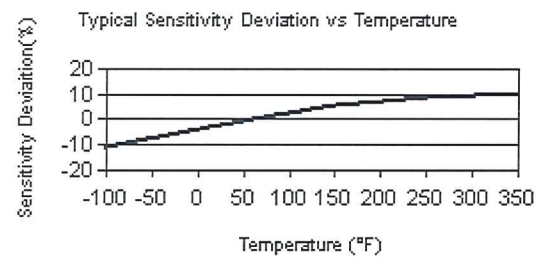
P - Positive Output Polarity

NOTES:

[1] Typical.
 [2] Low frequency response is determined by external signal conditioning electronics.
 [3] Zero-based, least-squares, straight line method.

SUPPLIED ACCESSORIES:

Model 030A10 Coax Cable, 10 ft (3 m), 3-56 plug to 10-32 plug. (1)
 Model 039A29 Removal Tool (1)
 Model 080A109 Petro Wax (1)
 Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)



Entered: AP	Engineer: BAM	Sales: RWM	Approved: BAM	Spec Number:
Date: 7/31/2012	Date: 7/31/2012	Date: 7/31/2012	Date: 7/31/2012	19271

*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.*

ICP® is a registered trademark of PCB Group, Inc.