

	<u>ENGLISH</u>	<u>SI</u>	
Performance			
Sensitivity(± 20 %)	1.7 pC/g	0.17 pC/(m/s ²)	
Measurement Range	± 2000 g pk	± 19,620 m/s ² pk	
Frequency Range(+5 %)	15 kHz	15 kHz	[2]
Frequency Range(+10 %)	20 kHz	20 kHz	[2]
Resonant Frequency	≥ 60 kHz	≥ 60 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 500 °F	-73 to 260 °C	
Temperature Response	See Graph	See Graph	[1]
Temperature Response	See Graph	See Graph	
Temperature Response	See Graph	See Graph	
Base Strain Sensitivity	≤ 0.10 g/με	≤ 1.0 (m/s ²)/με	[1]
Electrical			
Capacitance	340 pF	340 pF	[1]
Insulation Resistance(at 70° F [21°C])	>10 ¹⁰ ohm	>10 ¹⁰ ohm	
Output Polarity	Negative	Negative	
Physical			
Sensing Element	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	
Housing Material	Titanium	Titanium	
Sealing	Hermetic	Hermetic	
Size (Height x Length x Width)	0.195 in x 0.420 in x 0.250 in	4.9 mm x 10.7 mm x 6.4 mm	
Weight	0.03 oz	0.96 gm	[1]
Electrical Connector	M3 Coaxial Jack	M3 Coaxial Jack	
Electrical Connection Position	Side	Side	
Mounting	Adhesive	Adhesive	

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.

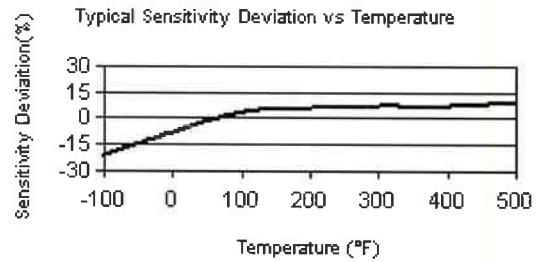
P - Positive Output Polarity	Positive	Positive
Output Polarity	Positive	Positive

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 030B10 Miniature low-noise Teflon cable, 10-ft, M3 plug to 10-32 plug (1)
 Model 039A28 Removal Tool (1)
 Model 080A109 Petro Wax (1)
 Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)



Entered: <i>Dmc</i>	Engineer: <i>YJB</i>	Sales: <i>WDC</i>	Approved: <i>YJB</i>	Spec Number:
Date: <i>8/4/10</i>	Date: <i>8/4/10</i>	Date: <i>8/4/10</i>	Date: <i>8/4/10</i>	37604

*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.*

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PCB PIEZOTRONICS
VIBRATION DIVISION

Phone: 716-684-0001
 Fax: 716-685-3886
 E-Mail: vibration@pcb.com

3425 Walden Avenue, Depew, NY 14043