

| | <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 %) | 10 kHz | 10 kHz | [2] |
| Frequency Range(+10 %) | 13 kHz | 13 kHz | [2] |
| Resonant Frequency | ≥ 50 kHz | ≥ 50 kHz | |
| Non-Linearity | ≤ 1 % | ≤ 1 % | [3] |
| Transverse Sensitivity | ≤ 5 % | ≤ 5 % | [4] |
| Environmental | | | |
| Overload Limit(Shock) | ± 10,000 g pk | ± 98,100 m/s ² pk | |
| Temperature Range | -100 to +350 °F | -73 to +177 °C | |
| Temperature Response | See Graph | See Graph | [1] |
| Base Strain Sensitivity | ≤ 0.10 g/με | ≤ 1.0 (m/s ²)/με | [1] |
| Electrical | | | |
| Capacitance | 310 pF | 310 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 | Epoxy | Epoxy | |
| Size (Height x Length x Width) | 0.14 in x 0.45 in x 0.25 in | 3.6 mm x 11.4 mm x 6.4 mm | |
| Weight | 0.02 oz | 0.6 gm | [1] |
| Electrical Connector | 3-56 Coaxial Jack | 3-56 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 | | |
| Output Polarity | Positive | Positive |

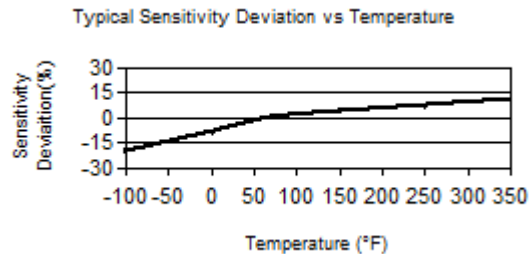
NOTES:

[1] Typical.
 [2] Low frequency response is determined by external signal conditioning electronics.
 [3] Zero-based, least-squares, straight line method.
 [4] Transverse sensitivity is typically ≤ 3%.
 [5] See PCB Declaration of Conformance PS081 for details.

SUPPLIED ACCESSORIES:

Model 030A10 Coax Cable, 10 ft (3 m), 3-56 plug to 10-32 plug. (1)
 Model 039A27 One-piece removal tool for Models 352C22, 357C10, 352A21, & 357A09 (1)
 Model 080A109 Petro Wax (1)
 Model ACS-1 NIST traceable frequency response (10 Hz to upper 5% point). (1)

| | | | | |
|----------------|----------------|----------------|----------------|--------------|
| Entered: LK | Engineer: BAM | Sales: WDC | Approved: BAM | Spec Number: |
| Date: 8/8/2017 | Date: 8/8/2017 | Date: 8/8/2017 | Date: 8/8/2017 | 11545 |



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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