

| | ENGLISH | SI | |
|---|---------------------------|------------------------------|-----|
| Performance | | | |
| Sensitivity(± 10 %) | .53 pC/g | .054 pC/(m/s ²) | |
| Measurement Range | ± 5000 g pk | ± 49,050 m/s ² pk | |
| Frequency Range(± 10 %) | 10 kHz | 10 kHz | [2] |
| Resonant Frequency | 45 kHz | 45 kHz | [1] |
| Non-Linearity | ≤ 1 % | ≤ 1 % | [3] |
| Transverse Sensitivity | ≤ 3 % | ≤ 3 % | |
| Environmental | | | |
| Overload Limit(Shock) | ± 5000 g pk | ± 49,050 m/s ² pk | |
| Temperature Range | -65 to +900 °F | -54 to +482 °C | |
| Temperature Response | See Graph | See Graph | [1] |
| Base Strain Sensitivity | .003 g/με | .02 (m/s ²)/με | [1] |
| Radiation Exposure Limit(Integrated Neutron Flux) | 1 E10 N/cm ² | 1 E10 N/cm ² | |
| Radiation Exposure Limit(Integrated Gamma Flux) | 1 E8 rad | 1 E8 rad | |
| Electrical | | | |
| Capacitance | 60 pF | 60 pF | [1] |
| Insulation Resistance(at 70°F [21°C]) | >1 GOhm | >1 GOhm | |
| Insulation Resistance(at 900° F [482°C]) | >1 MOhm | >1 MOhm | |
| Output Polarity | Positive | Positive | |
| Electrical Isolation | Signal Isolated from Case | Signal Isolated from Case | |
| Physical | | | |
| Sensing Element | UHT-12™ | UHT-12™ | |
| Sensing Geometry | Shear | Shear | |
| Housing Material | Inconel | Inconel | |
| Sealing | Hermetic | Hermetic | |
| Size (Height x Length x Width) | .4 in x .4 in x .4 in | 10.2 mm x 10.2 mm x 10.2 mm | |
| Weight | .31 oz | 8.7 gm | [1] |
| Electrical Connector | 10-32 Coaxial Jack | 10-32 Coaxial Jack | |
| Electrical Connection Position | Side | Side | |
| Mounting Thread | 5-40 Female | 5-40 Female | |

OPTIONAL VERSIONS

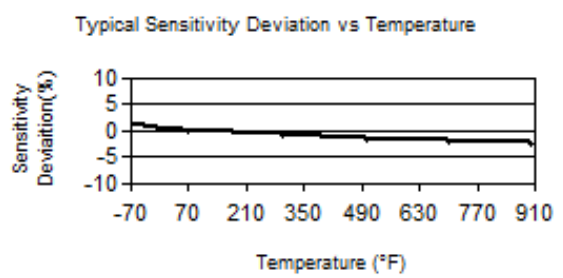
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

[1] Typical.
 [2] Low frequency response is determined by external signal conditioner
 [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 (2)
 Model ACS-44 Extended amplitude response, upper 5% point to 10% point (requires ACS-1 or equivalent). (1)



*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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|-----------------|-----------------|-----------------|-----------------|--------------|
| Entered: LK | Engineer: JJD | Sales: MC | Approved: NJF | Spec Number: |
| Date: 3/30/2018 | Date: 3/30/2018 | Date: 3/30/2018 | Date: 3/30/2018 | 64268 |

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Aufgrund laufender Weiterentwicklungen sind Änderungen der Spezifikationen vorbehalten. Alle Angaben vorbehaltlich Satz- und Druckfehler.

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