DJB
A CMTG COMPANY

A/20/TC

Mono-axial charge accelerometer

30pC/g, Top Entry TNC Connector, Tapped Base

KEY FEATURES

- 0.7Hz to 8KHz frequency range
- 30pC/g nominal sensitivity
- Titanium case, top entry via TNC connector
- 27 grams

INCLUDED WITH DEVICE

- SP/02 Mounting Stud

DEVICE / FAMILY OPTIONS

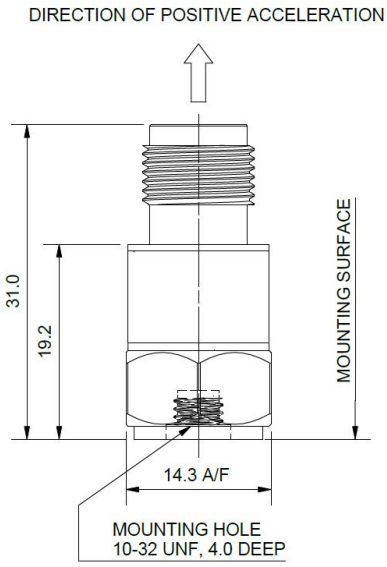
- Extended low & high frequency calibration
- Alternative/additional stud options

A/20	Side Entry 10-32 Microdot, 10-32 UNF Tapped Base
A/20/T	Top Entry 10-32 Microdot, 10-32 UNF Tapped Base
A/20/TC	Top Entry TNC, 10-32 UNF Tapped Base

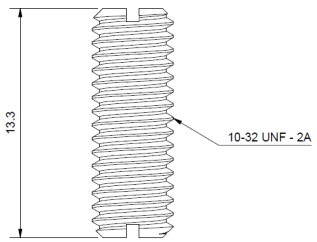
TYPICAL CABLE OPTIONS

- MP2/BC1/T18/30 - Microdot to BNC, low noise co-axial, 3 meters
- MP2/MP2/T18/30 - Microdot to Microdot, low noise co-axial, 3 meters
- Other options and lengths available

A/20/TC ACCELEROMETER DIMENSIONS



SP/02 MOUNTING STUD DIMENSIONS

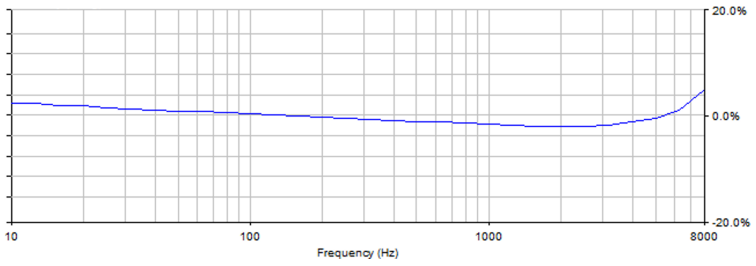


All measurements in millimeters (mm)

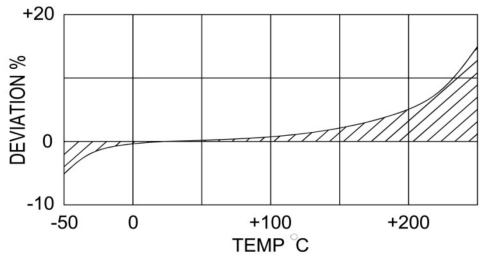
TECHNICAL SPECIFICATIONS

Performance	A/20/TC
Charge Sensitivity	30pC/g nominal
Frequency Response (±5%)	1Hz - 7kHz
Frequency Response (±10%)	0.7Hz - 8kHz
Resonant Frequency	≥28kHz
Pyro-Electric Output	0.2g/°C
Pyro-Electric Corner Frequency	0.002Hz
Base Strain Sensitivity	<0.01g/με
Cross-Axis Error	≤5%
Electrical	
Capacitance (±10%)	1800pF
Connector	Top Entry, TNC Connector
Physical	
Case Material	Stainless Steel
Mounting	4mm Tapped Base, 10-32 UNF
Reccomended Mounting Torque	1.2Nm
Weight	27 grams
Size (mm)	14.3mm (A/F) x 31.0mm
(Inches)	0.56" (A/F) x 1.2"
Environmental	
Temperature Range (°C)	-55°C to +250°C
(°F)	-67°F to +482°F
Maximum Shock	5000g
Total Mass Loss (TML)	<0.1%

TYPICAL FREQUENCY RESPONSE



TYPICAL THERMAL RESPONSE



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SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.
ALL DEVICES CALIBRATED IN ACCORDANCE WITH BS ISO 16063-21:2003. ALL DEVICE CALIBRATIONS ARE UKAS TRACEABLE.

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Revision: **A**