

A/20/T

Mono-axial charge accelerometer

30pC/g, Top Entry 10-32 Microdot Connector, Tapped Base



KEY FEATURES

- ✓ 0.7Hz to 8KHz frequency range
- ✓ 30pC/g nominal sensitivity
- ✓ Titanium case
- ✓ 12.9 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

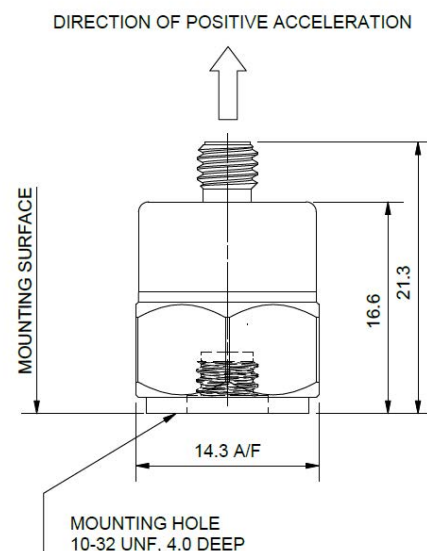
A/20/T Top Entry 10-32 Microdot, 10-32 UNF Tapped Base

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

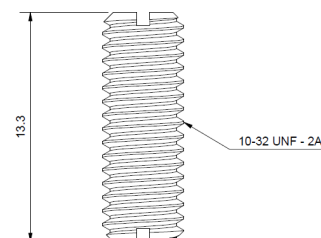
TYPICAL CABLE OPTIONS

- ✓ 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/T ACCELEROMETER DIMENSIONS



SP/02 MOUNTING STUD DIMENSIONS

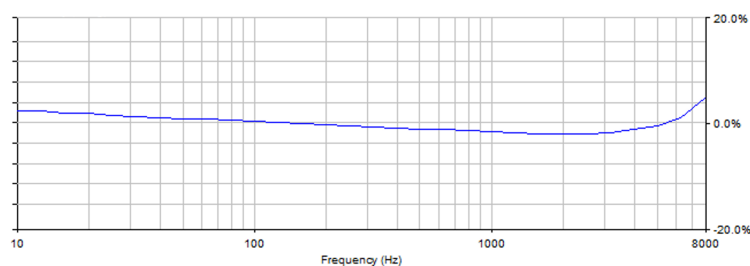


All measurements in millimeters (mm)

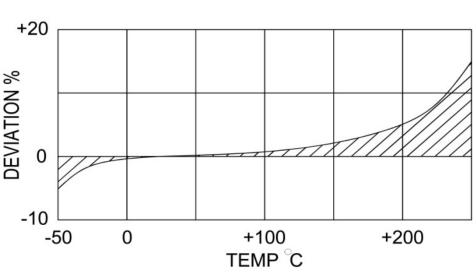
TECHNICAL SPECIFICATIONS

Performance	A/20/T
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, 10-32 Microdot
Physical	
Case Material	Titanium
Mounting	4mm Tapped Base, 10-32 UNF
Recommened Mounting Torque	1.2Nm
Weight	12.9 grams
Size (mm)	14.3mm (A/F) x 21.3mm
(Inches)	0.56" (A/F) x 0.84"
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.