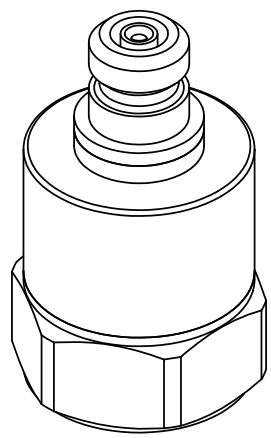
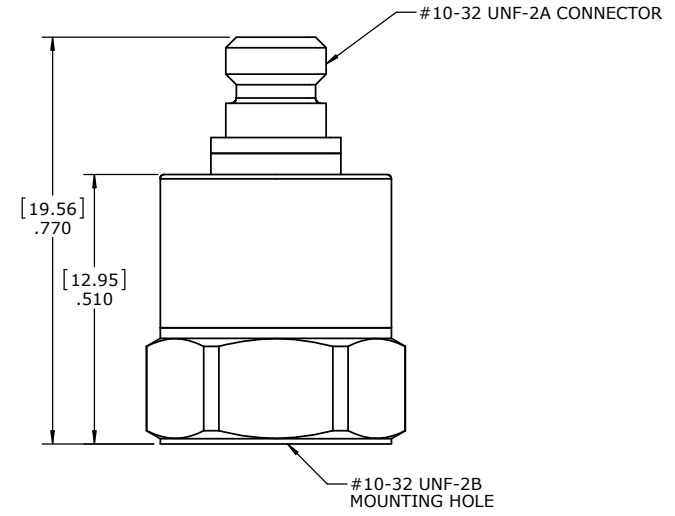
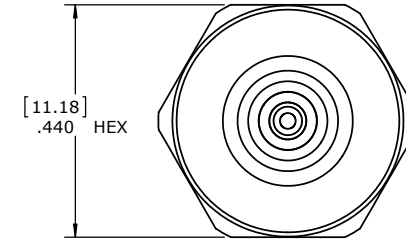
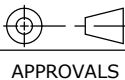


SPECIFICATIONS:

Model Number	511A-050	511A-100	511A-500	
Performance				
Measurement Range	50	100	500	g
Sensitivity ±10%	100	50	10	mV/g
Frequency Range ±5%	1-7000	1-7000	1-7000	Hz
Frequency Range ±3dB	0.5-20000	0.5-20000	0.5-20000	Hz
Resonant Frequency	38	38	38	kHz
Transverse Sensitivity	<5	<5	<5	%
Broadband Resolution	0.0005	0.0005	0.0012	Equiv. g RMS
Non-Linearity	±1	±1	±1	%
Shock Limit	±5000	±5000	±5000	g pk
Environmental				
Temperature Range	-50-125	-50-125	-50-125	°C
Electrical				
Bias Voltage (Room Temperature)	8-12	8-12	8-12	Vdc
Bias Voltage (-50-125) °C	6-13	6-13	6-13	Vdc
Output Impedance	<100	<100	<100	Ω
Full Scale Output Voltage	±5	±5	±5	V
Insulation Resistance	>100	>100	>100	MΩ
Supply Voltage	18-30	18-30	18-30	VDC
Supply Current	2 to 10	2 to 10	2 to 10	mA
Physical				
Weight	8	8	8	gm
Sensing Element	Ceramic	Ceramic	Ceramic	
Sensing Geometry	Shear	Shear	Shear	
Housing Material	Stainless Steel	Stainless Steel	Stainless Steel	
Sealing	Welded Hermetic	Welded Hermetic	Welded Hermetic	



		 深圳市森瑟科技有限公司 SENTHER TECH	
APPROVALS		TITLE: 511A ACCELEROMETER	
DRAWN	RTZ	DWG. NO.	PS-511A
CHECKED		SIZE	A3
APPROVED		SHEET 1 OF 1	A

REV	DESCRIPTION	REL	DATE
A	NEW RELEASE	RTZ	2015-5-19