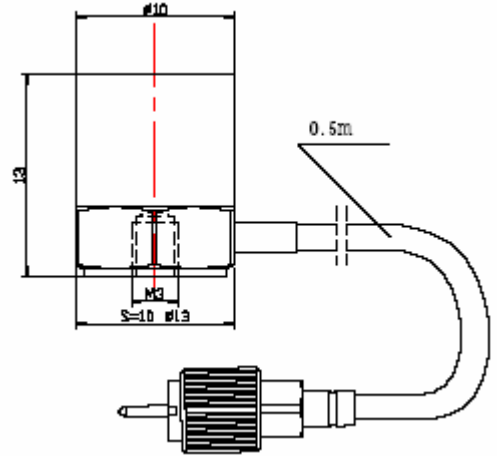


## High Impulse Accelerometer

### Model AH115

#### Features:

- Strong Vibration Measure
- Small Size
- Wide Frequency Response
- Integral Hardline Cable



#### Specifications:

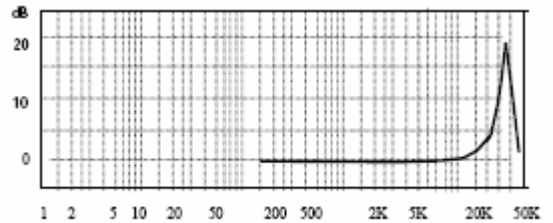
##### Dynamic Characteristics

Axes Sensitivity (20±5 deg C)	7 pC/g +/-2%
Max Transverse Sensitivity	<= 5 %
Frequency Response (+/-10%)	1 - 15000Hz
Resonance Frequency	45000 Hz
Temperature Response	See temperature curve
Polarity	Positive
Isolation Resistance	>10 <sup>9</sup> Ω
Capacitance	~ 600 Pf

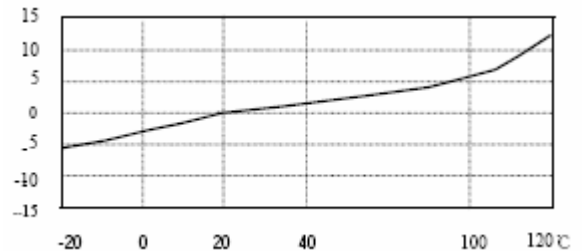
##### Environmental/Physical Characteristics

Temperature Range	-20 to +120 °C
Shock Limit	7000g
Temperature Sensitivity	0.1g/°C (0.3Hz)
Magnetic Field Sensitivity	3g/T (50Hz, 0,03T)
Structural Strain Sensitivity	0.6 mg/μ ε
Weight	10g
Case Material	Stainless steel
Mounting	M3 Screw
Piezo Material	PZT-5
Structure	Triangle Cut Mode
Output Connection	Hardline cable

Included Accessories	Calibration sheet
	M3 Screw
	Cable STYV-1-1 ~80°C
	STFF-0.9 ~120°C



Frequency Response Curve



Temperature Curve

Product information:  
**KCF Technologies, Inc.**  
[www.kcftech.com](http://www.kcftech.com)  
 112 W. Foster Avenue  
 State College, PA 16801  
 TEL: 814-867-4097  
 FAX: 814-690-1579

North American Sales & Support:  
**Scantek Inc.**  
[www.scantekinc.com](http://www.scantekinc.com)  
 7060 Oakland Mills Road, Suite L  
 Columbia, MD 21046  
 TEL: 410-290-7726  
 FAX: 410-290-9167