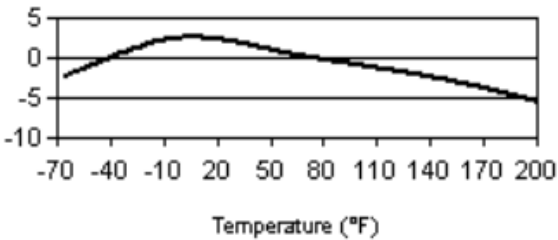




**2-WIRE ICP®, 100 MV/G,
T05 HOUSING, POSITIVE OUTPUT,
INTEGRAL CABLE**

- Mountable via adhesive or soldering
- Field-proven, solid-state, piezoelectric sensing elements for durability and broadband performance
- Ideal for vibration and shock measurements in high-volume and commercial OEM applications

Typical Sensitivity Deviation vs Temperature



**LOW COST,
EMBEDDABLE
ACCELEROMETER**

SPECIFICATIONS	
Model Number	66212APZ2
Performance	
Sensitivity (±20%)	100 mV/g
Measurement Range	50 g
Frequency Range (±3 dB)	0.5-10k Hz
Resonant Frequency	≥25 kHz
Broadband Resolution	350 µg rms
Non-Linearity	≤1 %
Transverse Sensitivity	≤7 %
Environmental	
Overload Limit (Shock)	5000 g pk
Temperature Range	-65 to +185 °F
Temperature Response	See Graph
Electrical	
Setting Time (within 1% of bias)	≤2 sec
Excitation Voltage	18 to 28 VDC
Constant Current Excitation	2 to 20 mA
Output Impedance	<150 Ohm
Output Bias Voltage	8 to 12 VDC
Discharge Time Constant	≥0.3 sec
Spectral Noise (10 Hz)	8 µg/√Hz
Spectral Noise (100 Hz)	5 µg/√Hz
Spectral Noise (1 kHz)	4 µg/√Hz
Physical	
Sensing Element	Ceramic
Sensing Geometry	Shear
Housing Material	Stainless Steel
Sealing	Welded Hermetic
Size - Lip Diameter	0.36 in
Size - Height	0.38 in
Weight	0.1 oz
Electrical Connector	Integral Cable
Electrical Connection Position	Bottom
Cable Termination	Blunt Cut
Red Conductor	Signal/Power
Black Conductor	Neg (-) Ground
Cable Length	1 ft
Cable Type	PVC