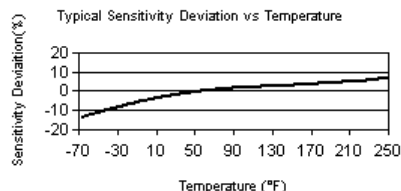


Model Number 352C66		ACCELEROMETER, ICP®		Revision L ECN #: 31827	
Performance		ENGLISH		SI	
Sensitivity (±10 %)		100 mV/g		10.2 mV/(m/s²)	
Measurement Range		±50 g pk		±491 m/s² pk	
Frequency Range (±5 %)		0.5 to 10000 Hz		0.5 to 10000 Hz	
Frequency Range (±10 %)		0.3 to 12000 Hz		0.3 to 12000 Hz	
Frequency Range (±3 dB)		0.2 to 20000 Hz		0.2 to 20000 Hz	
Resonant Frequency		≥35 kHz		≥35 kHz	
Phase Response (±5 °) (at 70°F [21°C])		2 to 6000 Hz		2 to 6000 Hz	
Broadband Resolution (1 to 10000 Hz)		0.00016 g rms		0.0015 m/s² rms	
Non-Linearity		≤1 %		≤1 %	
Transverse Sensitivity		≤5 %		≤5 %	
Environmental					
Overload Limit (Shock)		±5000 g pk		±49050 m/s² pk	
Temperature Range (Operating)		-65 to +200 °F		-54 to +93 °C	
Temperature Response		See Graph		See Graph	
Base Strain Sensitivity		≤0.005 g/με		≤0.05 (m/s²)/με	
Electrical					
Excitation Voltage		18 to 30 VDC		18 to 30 VDC	
Constant Current Excitation		2 to 20 mA		2 to 20 mA	
Output Impedance		≤300 ohm		≤300 ohm	
Output Bias Voltage		8 to 12 VDC		8 to 12 VDC	
Discharge Time Constant		0.8 to 2.4 sec		0.8 to 2.4 sec	
Settling Time (within 10% of bias)		<10 sec		<10 sec	
Spectral Noise (1 Hz)		60 μg/√Hz		588 (μm/sec²)/√Hz	
Spectral Noise (10 Hz)		16 μg/√Hz		157 (μm/sec²)/√Hz	
Spectral Noise (100 Hz)		5 μg/√Hz		49 (μm/sec²)/√Hz	
Spectral Noise (1 kHz)		1.5 μg/√Hz		14.7 (μm/sec²)/√Hz	
Physical					
Sensing Element		Ceramic		Ceramic	
Sensing Geometry		Shear		Shear	
Housing Material		Titanium		Titanium	
Sealing		Welded Hermetic		Welded Hermetic	
Size (Hex x Height)		9/32 in x 0.67 in		9/32 in x 17.0 mm	
Weight		0.070 oz		2.0 gm	
Electrical Connector		5-44 Coaxial		5-44 Coaxial	
Electrical Connection Position		Top		Top	
Mounting Thread		5-40 Male		5-40 Male	
Mounting Torque		8 to 12 in-lb		90 to 135 N-cm	



All specifications are at room temperature unless otherwise specified.
In the interest of constant product improvement, we reserve the right to change specifications without notice.

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