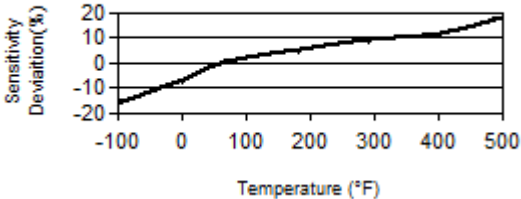


Model Number 357B33	CHARGE OUTPUT ACCELEROMETER			Revision: L ECN #: 46956
Performance	ENGLISH	SI	OPTIONAL VERSIONS	
Sensitivity(± 15 %)	100 pC/g	10.2 pC/(m/s²)	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.	
Measurement Range	± 150 g pk	± 1470 m/s² pk		
Frequency Range(+5 %)	3 kHz	3 kHz	J - Ground Isolated	
Frequency Range(+10 %)	3.5 kHz	3.5 kHz	Frequency Range(+5 %)	
Frequency Range(+3 dB)	5.5 kHz	5.5 kHz	Frequency Range(+10 %)	
Resonant Frequency	≥ 13 kHz	≥ 13 kHz	Resonant Frequency	
Non-Linearity	≤ 1 %	≤ 1 %	Electrical Isolation(Base)	
Transverse Sensitivity	≤ 5 %	≤ 5 %	Size - Hex x Height	
Environmental				
Overload Limit(Shock)	± 2000 g pk	± 19,600 m/s² pk	P - Positive Output Polarity	
Temperature Range	-95 to +500 °F	-71 to +260 °C	Output Polarity	
Temperature Response	See Graph	See Graph	Positive	
Base Strain Sensitivity	0.0002 g/με	0.002 (m/s²)/με	Positive	
Electrical			W - Water Resistant Cable	
Capacitance	930 pF	930 pF	Electrical Connector	
Insulation Resistance(at 500°F)	≥ 10 ⁸ Ohm	≥ 10 ⁸ Ohm	Sealed Integral Cable	
Insulation Resistance(at 70° F [21°C])	≥ 10 ¹² Ohm	≥ 10 ¹² Ohm	Side	
Output Polarity	Negative	Negative	Sealed Integral Cable	
Physical			Side	
Sensing Element	Ceramic	Ceramic		
Sensing Geometry	Shear	Shear		
Housing Material	Titanium	Titanium		
Sealing	Hermetic	Hermetic		
Size (Hex x Height)	3/4 in x 1.00 in	3/4 in x 25.4 mm		
Weight	1.60 oz	45 gm		
Electrical Connector	10-32 Coaxial Jack	10-32 Coaxial Jack		
Electrical Connection Position	Side	Side		
Mounting Thread	10-32 Female	10-32 Female		
Typical Sensitivity Deviation vs Temperature				
				
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. ICP® is a registered trademark of PCB Group, Inc.				
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