

Model Number 357A08		CHARGE OUTPUT ACCELEROMETER			Revision: C ECN #: 46956	
Performance		ENGLISH		SI		
Sensitivity(± 20 %)		0.35 pC/g		0.036 pC/(m/s²)		
Measurement Range		± 1000 g pk		± 9800 m/s² pk		
Frequency Range(+5 %)		12 kHz		12 kHz [2]		
Frequency Range(+10 %)		20 kHz		20 kHz [2]		
Resonant Frequency		≥ 70 kHz		≥ 70 kHz		
Non-Linearity		≤ 1 %		≤ 1 % [3]		
Transverse Sensitivity		≤ 5 %		≤ 5 %		
Environmental						
Overload Limit(Shock)		± 10,000 g pk		± 98,100 m/s² pk		
Temperature Range		-100 to +350 °F		-100 to +350 °F		
Temperature Range		-100 to +350 °F		-73 to +177 °C		
Temperature Response		See Graph		See Graph [1]		
Electrical						
Capacitance		140 pF		140 pF [1]		
Insulation Resistance(at 70° F [21°C])		>10 ¹⁰ Ohm		>10 ¹⁰ Ohm		
Output Polarity		Negative		Negative		
Electrical Isolation(Base)		≥ 10 ⁸ Ohm		≥ 10 ⁸ Ohm		
Physical						
Sensing Element		Ceramic		Ceramic		
Sensing Geometry		Shear		Shear		
Housing Material		Aluminum		Aluminum		
Sealing		Epoxy		Epoxy		
Size (Height x Diameter x Width)		0.11 in x 0.16 in x 0.27 in		2.8 mm x 4.1 mm x 6.9 mm		
Weight		0.006 oz		0.16 gm [1]		
Electrical Connector		3-56 Coaxial Jack		3-56 Coaxial Jack		
Electrical Connection Position		Side		Side		
		Typical Sensitivity Deviation vs Temperature Sensitivity Deviation(%) Temperature (°F)				
		CE [4]				
		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.				
Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used. P - Positive Output Polarity Output Polarity						