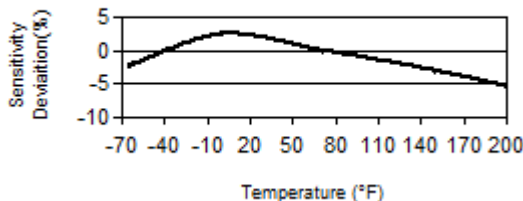



Model Number 66192CPZ1	CHARGE OUTPUT LOW-PROFILE TO-5 ACCELEROMETER				Revision: A ECN #: 46956
Performance	ENGLISH	SI		OPTIONAL VERSIONS	
Sensitivity(± 20 %)	5 pC/g	0.51 pC/(m/s²)	[2][3]	Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.	
Frequency Range(± 3 dB)	10k Hz	10k Hz	[4][5]		
Resonant Frequency	>25 kHz	>25 kHz	[5]		
Non-Linearity	≤ 1 %	≤ 1 %	[6]		
Transverse Sensitivity	≤ 7 %	≤ 7 %		HT - High temperature, extends normal operation temperatures	
				Temperature Range	-65 to 250 °F -54 to 121 °C
Environmental				RH - RoHS Compliant	
Overload Limit(Shock)	5000 g pk	49k m/s² pk			
Temperature Range(Operating)	-65 to 185 °F	-54 to 85 °C			
Temperature Response	See Graph	See Graph	[1]		
Electrical					
Capacitance	350 pF	350 pF			
Physical					
Size (Lip Diameter x Height)	0.36 in x 0.26 in	9.1 mm x 6.6 mm		NOTES: [1] Typical. [2] Conversion Factor 1g = 9.81 m/s². [3] Positive output along Z-axis (in upward direction when pin mounted). [4] The high frequency tolerance is accurate within ±10% of the specified frequency. [5] Performance depends on mounting [6] Zero-based, least-squares, straight line method. [7] See PCB Declaration of Conformance PS023 or PS060 for details.	
Weight	0.08 oz	2.2 gm			
Mounting	Adhesive/Solder	Adhesive/Solder			
Sensing Geometry	Shear	Shear			
Housing Material	Stainless Steel	Stainless Steel			
Sealing	Welded Hermetic	Welded Hermetic			
Electrical Connector	Header Pins	Header Pins			
Electrical Connection Position	Bottom	Bottom			
Electrical Connections(Pin 1)	Acceleration Output	Acceleration Output			
Electrical Connections(Pin 2)	Neg (-) Ground	Neg (-) Ground			
Electrical Connections(Pin 3)	No Connection	No Connection			
<div><div><div>CE</div><div>[7]</div></div><div><div>Typical Sensitivity Deviation vs Temperature</div><div></div></div></div>					
SUPPLIED ACCESSORIES: Model ICS-2 NIST-traceable single-point amplitude response calibration at 6000 cpm (100 Hz) for each axis (1)					
Entered: LK		Engineer: BAM		Sales: WDC	Approved: BAM
Date: 8/8/2017		Date: 8/8/2017		Date: 8/8/2017	Date: 8/8/2017
					47354
<div><div><div><p>IMI SENSORS A PCB PIEZOTRONICS DIV. 3425 Walden Avenue, Depew, NY 14043</p></div><div><p>Phone: 800-959-4464 Fax: 716-684-3823 E-Mail: imi@pcb.com</p></div></div></div>					
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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