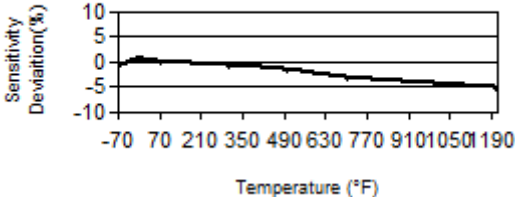


Model Number 357A64		CHARGE OUTPUT ACCELEROMETER		Revision: B ECN #: 48925											
Performance		ENGLISH	SI	OPTIONAL VERSIONS											
Sensitivity(± 10 %)	1.15 pC/g	.117 pC/(m/s ²)		Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.											
Measurement Range	± 1000 g pk	± 9800 m/s ² pk													
Frequency Range(± 10 %)	10 kHz	10 kHz													
Resonant Frequency	45 kHz	45 kHz	[1]												
Non-Linearity(per full scale range)	≤ 1 %	≤ 1 %	[4]												
Transverse Sensitivity	≤ 5 %	≤ 5 %													
Environmental															
Overload Limit(Shock)	± 2000 g pk	± 19,600 m/s ² pk													
Temperature Range(Operating)	-67 to 1200 °F	-55 to 649 °C	[3]												
Temperature Range(Survivable Limit)	-67 to 1400 °F	-55 to 760 °C													
Temperature Range(Cable Termination)	-67 to 900 °F	-55 to 482 °C													
Temperature Response	See Graph	See Graph	[1]												
Radiation Exposure Limit(Integrated Neutron Flux)	1E10 N/cm ²	1E10 N/cm ²		NOTES: [1] Typical. [2] Additional cable length will add approx. 100pF/ft. [3] For cable lengths less than 1.5 Ft [.46m] insulation resistance is only tested to 900F [482C]. [4] Zero-based, least-squares, straight line method. [5] See PCB Declaration of Conformance PS081 for details.											
Radiation Exposure Limit(Integrated Gamma Flux)	1E8 rad	1E8 rad													
Electrical															
Capacitance	1000 pF	1000 pF	[1][2]												
Insulation Resistance(@ 1200°F[649°C])	≥ 30 kohm	≥ 30 kohm	[3]												
Insulation Resistance(@ 70° F [21°C])	≥ 1 GOhm	≥ 1 GOhm													
Electrical Isolation	Signal isolated from case	Signal isolated from case													
Physical															
Sensing Geometry	Shear	Shear													
Housing Material	Nickel Alloy	Nickel Alloy													
Sealing(Sensor Housing)	Hermetic	Hermetic													
Sealing(Connector)	Welded Hermetic	Welded Hermetic													
Size (Height x Length x Width)	.47 in x .87 in x .51 in	11.9 mm x 22.1 mm x 13 mm													
Weight(without cable)	.54 oz	15 gm	[1]												
Electrical Connector	Integral Hardline Cable	Integral Hardline Cable													
Cable Length	10 ft	3.05 m	[3]												
Cable Type	MI Hardline Cable	MI Hardline Cable													
Cable Termination	10-32 Coaxial Jack	10-32 Coaxial Jack													
Mounting	Through Holes (2)	Through Holes (2)													
Mounting Thread	6-32 Male	6-32 Male													
		Typical Sensitivity Deviation vs Temperature		SUPPLIED ACCESSORIES:											
				Model 64287-01 Mounting Stud 5-40 to 10-32 (1) Model 68978-01 6-32 X 1/4" SHCS (2) Model ACS-44 Extended amplitude response, upper 5% point to 10% point (requires ACS-1 or equivalent). (1)											
				<table><tr><td>Entered: LK</td><td>Engineer: RB</td><td>Sales: RWM</td><td>Approved: BAM</td><td>Spec Number:</td></tr><tr><td>Date: 12/6/2018</td><td>Date: 12/6/2018</td><td>Date: 12/6/2018</td><td>Date: 12/6/2018</td><td>67439</td></tr></table>		Entered: LK	Engineer: RB	Sales: RWM	Approved: BAM	Spec Number:	Date: 12/6/2018	Date: 12/6/2018	Date: 12/6/2018	Date: 12/6/2018	67439
Entered: LK	Engineer: RB	Sales: RWM	Approved: BAM	Spec Number:											
Date: 12/6/2018	Date: 12/6/2018	Date: 12/6/2018	Date: 12/6/2018	67439											
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.				Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com 3425 Walden Avenue, Depew, NY 14043											