



Model Number 261A11	3-COMPONENT CHARGE OUTPUT FORCE SENSOR			Revision: B ECN #: 43712										
Performance	ENGLISH	SI		OPTIONAL VERSIONS Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used. M - Metric Mount W - Water Resistant Cable Electrical Connection Position Side Side										
Sensitivity(± 15 %)(z axis)	15 pC/lb	3.37 pC/N	[2]											
Sensitivity(± 15 %)(x or y axis)	32 pC/lb	7.19 pC/N	[2]											
Measurement Range(z axis)	1000 lb	4.45 kN												
Measurement Range(x or y axis)	500 lb	2.22 kN												
Maximum Force(z axis)	1320 lb	5.87 kN												
Maximum Force(x or y axis)	660 lb	2.94 kN												
Maximum Moment(z axis)	14 ft-lb	18.98 Nm												
Maximum Moment(x or y axis)	13 ft-lb	17.63 Nm												
Upper Frequency Limit	10,000 Hz	10,000 Hz												
Non-Linearity	≤ 1 % FS	≤ 1 % FS	[3]											
Cross Talk(between x and y axis)	± 3 %	± 3 %												
Cross Talk(between (x or y axis) and z axis)	± 5 %	± 5 %												
Environmental				NOTES: [1]Typical. [2]Sensitivites are for listed preload. Sensitivites may vary ±5% depending on preload used. [3]Zero-based, least-squares, straight line method.										
Temperature Range	-100 to +350 °F	-73 to +177 °C												
Electrical														
Capacitance(all channels)	18 pF	18 pF	[1]											
Insulation Resistance(all channels)	≥ 10 ¹² Ohm	≥ 10 ¹² Ohm												
Output Polarity(in direction of markings)	Negative	Negative												
Physical														
Stiffness(z axis)	10 lb/μin	1.75 kN/μm	[1]											
Stiffness(x or y axis)	4 lb/μin	0.7 kN/μm	[1]											
Weight	13.60 oz	386 gm												
Housing Material	Stainless Steel	Stainless Steel												
Sealing	Hermetic	Hermetic												
Electrical Connector(Quantity, 3)	10-32 Coaxial Jack	10-32 Coaxial Jack												
Electrical Connection Position	Side	Side												
<i>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.</i>				<table border="1" style="width: 100%; text-align: center;"> <tr> <td>Entered: AP</td> <td>Engineer: MJK</td> <td>Sales: KWW</td> <td>Approved: APB</td> <td>Spec Number:</td> </tr> <tr> <td>Date: 2/25/2015</td> <td>Date: 2/25/2015</td> <td>Date: 2/25/2015</td> <td>Date: 2/25/2015</td> <td>29234</td> </tr> </table>	Entered: AP	Engineer: MJK	Sales: KWW	Approved: APB	Spec Number:	Date: 2/25/2015	Date: 2/25/2015	Date: 2/25/2015	Date: 2/25/2015	29234
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				Phone: 716-684-0001 Fax: 716-684-0987 E-Mail: info@pcb.com										
				3425 Walden Avenue, Depew, NY 14043										


Represented in India by
Structural Solutions Pvt Ltd. | Phone: 040 2322 2380 | Email: sales@stsols.com
 #4th Floor, Sudheer Tapani Towers, Himayath Nagar, Hyderabad - 500 029