

COMPARISON OF THE XSE TO THE XSEE AND THE XSJ TO THE XSJJ

In recent years, SEA CON® developed two connector series which will replace two older connector series. The two new series are identified with a “double letter” in the product name. The XSEE replaces the XSE and the XSJJ replaces the XSJ. The two new series incorporate several design enhancements which improve sealing capability and make the product more user friendly than the originals. The following comparisons summarize the main characteristics of each new connector series as it relates to the original series.

| Comparison of the XSE to the XSEE | | |
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| CHARACTERISTIC | XSE | XSEE |
| Diameter | 1.25" | 1.25" |
| Height of Bulkhead connector | 1.00" | 1.29" |
| Mated Height | Straight: 5.00" Right Angle: 3.60" | Straight: 5.30" Right Angle: 3.90" |
| Unmated Height | Straight: 5.70" Right Angle: 4.30" | Straight: 6.20" Right Angle: 4.80" |
| Mounting Thread | ¾-16 UNF | ¾-16 UNF |
| Mounting Thread Length | 0.50" | 0.50" |
| Mounting Torque (BCR) | 75 Inch/Lbs | 75 Inch/Lbs |
| Pressure: | Mated: 10,000 PSI Open Face: Optional | Mated: 10,000 PSI Open Face: Optional |
| MSX-BCR available | Yes | Yes |
| Contact Pattern | C,1,2,3,4,6,7,8,10,12 | C,1,2,3,4,5,6,7,8,10,12 |

General Notes: IMPROVEMENTS INCORPORATED INTO THE XSEE DESIGN

1. Establish proper mating sequence, i.e., key/keyway, pins/sockets, o-ring, engaging nut thread,
2. Two internal diameters at the BCR/CCP interface to allow for proper o-ring compression (ramp) and sealing.
3. Dual o-rings at BCR/CCP interface which work both together and independent of one another.

| Comparison of the XSJ to the XSJJ | | |
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| CHARACTERISTIC | XSJ | XSJJ |
| Diameter | 0.93 " | 0.93" |
| Height of Bulkhead connector | 1.00" | 1.29" |
| Mated Height | Straight: 3.5 Right Angle: 2.5 | Straight: 3.7" Right Angle: 2.7 |
| Unmated Height | Straight: 4.2 Right Angle: 3.2 | Straight: 4.7" Right Angle: 3.7 |
| Mounting Thread | 9/16-18 UNF | 9/16-18 UNF |
| Mounting Thread Length | 0.37" | 0.37" |
| Mounting Torque (BCR) | 20 Inch/Lbs | 20 Inch/Lbs |
| Pressure: | Mated: 10,000 PSI Open Face: 10,000 PSI | 10,000 PSI 10,000 PSI |
| MSX-BCR available | Yes | Yes |
| Contact Pattern | C,2,3,4,5,7,9 | C,2,3,4,5,7,9 |

General Notes: IMPROVEMENTS INCORPORATED INTO THE XSJJ DESIGN

1. Remove thin GRE section on top of the BCR keyway.
2. Establish proper mating sequence, i.e., key/keyway, pins/sockets, o-ring, engaging nut thread,
3. Two internal diameters at the BCR/CCP interface to allow for proper o-ring compression (ramp) and sealing.
4. Dual o-rings at BCR/CCP interface which work both together and independent of one another.