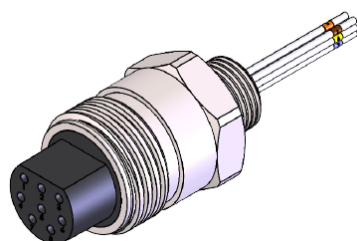
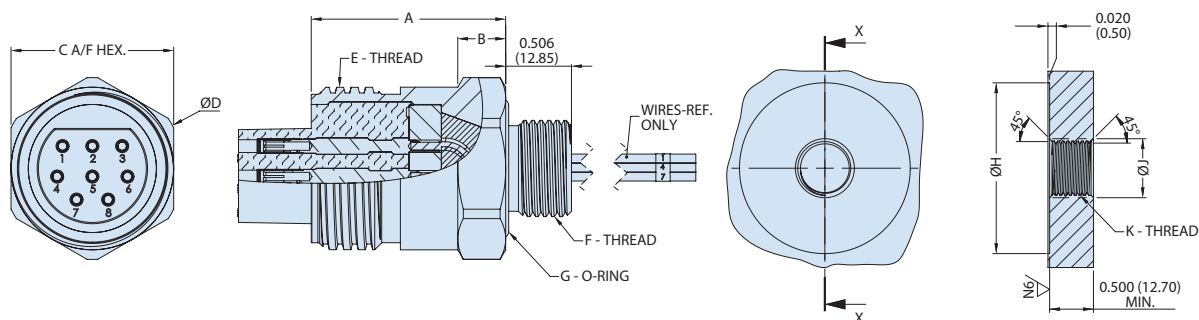




# 10K PSI / 700 BAR / 7000M SuperG66™ High-Pressure, Dry-Mate Subsea Connectors G6607 bulkhead connector receptacle



| SuperG66™ Connector Receptacle - How To Order |                                                                                                       |              |              |            |            |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------|--------------|------------|------------|
| <b>Sample Part Number</b>                     | <b>G6607</b>                                                                                          | <b>-XXXX</b> | <b>-0000</b> | <b>-XX</b> | <b>-CS</b> |
| <b>Series</b>                                 | 66 Connector Series Bulkhead Connector Receptacle                                                     |              |              |            |            |
| <b>Shell Size/Insert Arrangement</b>          | See Contact Configurations Table                                                                      |              |              |            |            |
| <b>Cable Length</b>                           | Replace -XXXX with -0004 = 4 ft<br>-0004 = Standard Length                                            |              |              |            |            |
| <b>Material Option</b>                        | PK = PEEK Connector Body<br>B = Brass Connector Body<br>Omit for Standard Connector (Stainless Steel) |              |              |            |            |
| <b>MOD Code</b>                               | For Non-Standard Connector (Omit for Standard Connector)<br>Consult Factory for Mod Code Number       |              |              |            |            |



| FCR Dimensions And Panel Mount Details Table |                    |                    |                    |                    |                   |                |            |                    |                    |                |
|----------------------------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|----------------|------------|--------------------|--------------------|----------------|
| Shell Size                                   | Dim A ±.010 (0.26) | Dim B ±.015 (0.39) | Dim C ±.005 (0.13) | Dim D ±.005 (0.13) | E Thread          | F Thread       | J O-ring   | Dim H ±.005 (0.13) | Dim J ±.005 (0.13) | K Thread       |
| 15                                           | 1.250 (31.75)      | 0.314 (7.98)       | 1.120 (28.45)      | 1.250 (31.75)      | 15/16-20 UNIEF-2A | 5/8-18 UNIF-2A | BS1806-116 | 1.300 (33.02)      | .680 (17.27)       | 5/8-18 UNIF-2A |
| 20                                           | 1.500 (38.10)      | 0.374 (9.50)       | 1.250 (31.75)      | 1.398 (35.50)      | 11/4-9 STUB A CME | 3/4-16 UNIF-2A | BS1806-118 | 1.440 (36.58)      | .790 (20.07)       | 3/4-16 UNIF-2A |

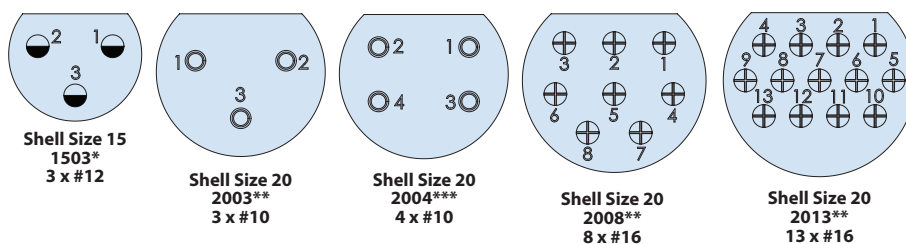
## MATERIALS / FINISH

- Shell - 316L stainless steel / passivation
- Insulator - PEEK
- Insert - neoprene
- Contacts - copper alloy / gold over nickel
- O-ring - nitrile

## NOTES

- Mating cycles - 500
- Op. Temp. -20°C / +90°C
- Voltage rating - 600VDC/440VAC
- Current rating (max.) - 5 to 18 amps dependent on cable and conductor size
- All contacts / pin configurations suit 16 AWG wire.
- All BCR cannot be supplied un-wired. Alternative wires can be supplied; coax, screened pair, etc.

## Contact Configurations (Face View of Receptacle Connector)



\* Unique Glenair contact configuration.

\*\* Industry standard contact configuration.

\*\*\* Unique Glenair contact configuration, <50bar applications.