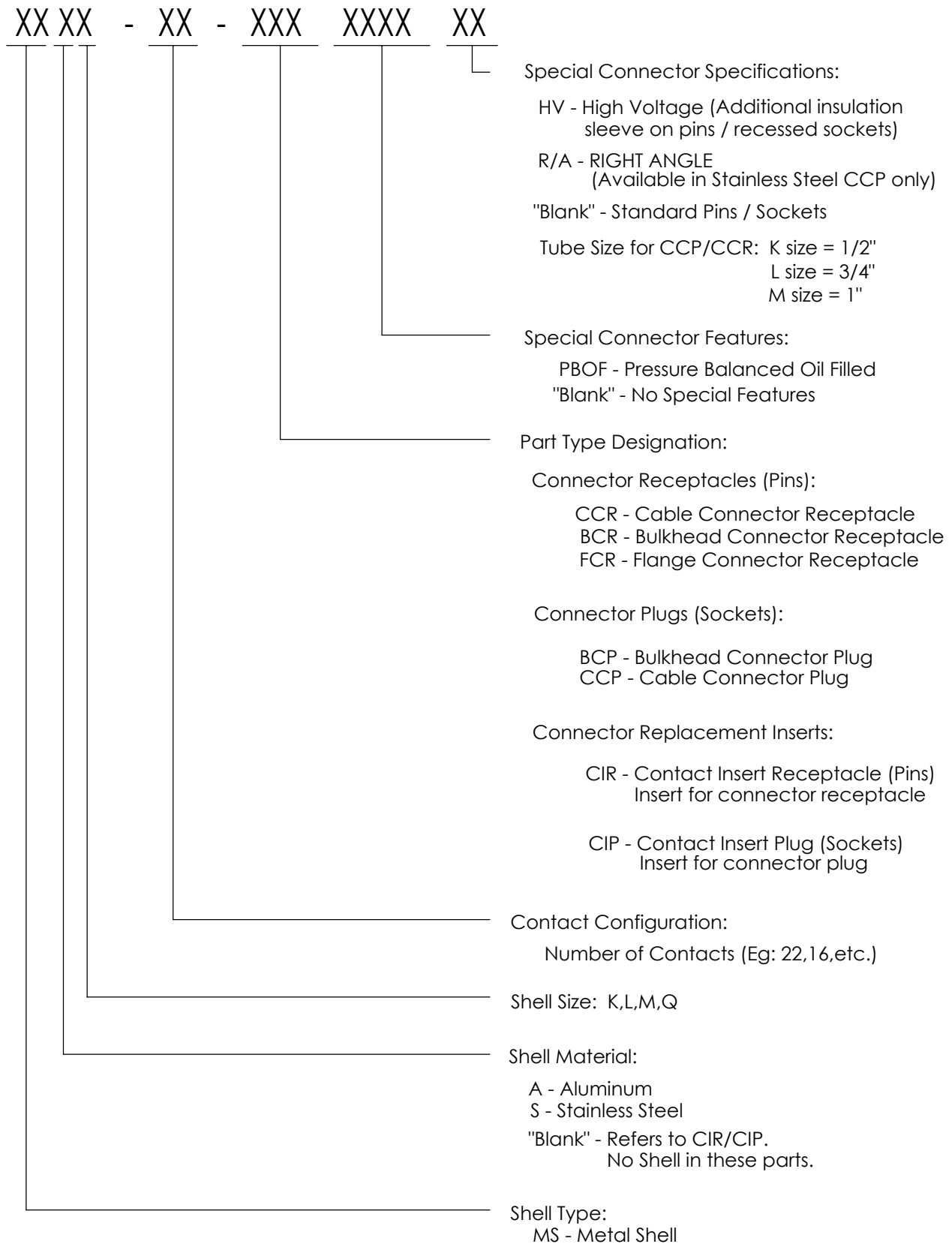


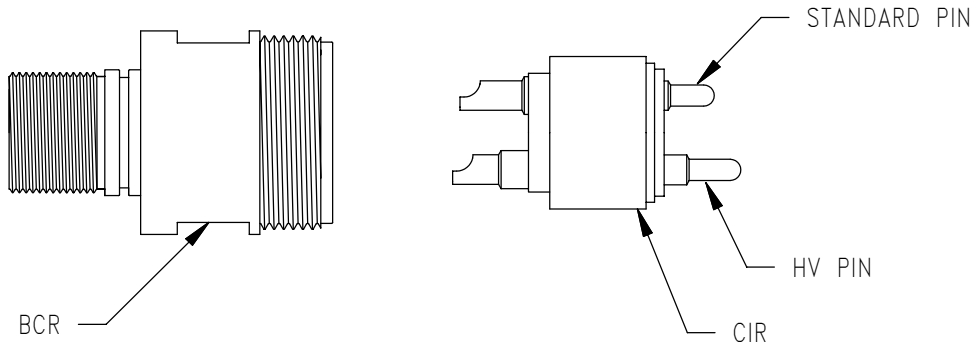
- DESCRIPTION AND MATERIAL
- 316 stainless steel passivated per QQ-P-35 Type VI with naval bronze engaging nut.
 - Optional material is (MSA) 6061-T6 Aluminum, hard anodized per MIL-A-8625, Type III, Class 2. (AVAILABLE IN STRAIGHT CONFIGURATION ONLY).
 - Available in sizes: K, L, M & Q.
 - K – 1/2" O.D. Tube (Maximum)
 - L – 3/4" O.D. Tube (Maximum)
 - M – 1" O.D. Tube (Maximum)
 - Q – 1-1/4" O.D. Tube (Maximum)Customer to specify tube size at time of order.
 - Up to 5,000 VDC.
 - To 7,500 PSI in Mated Condition.

 - Insert is glass reinforced epoxy with brass contacts.
 - Contacts gold plated per MIL-G-45204.
- MATING
- PBOF Series mates with Metal Shell BCR, FCR, and CCR.
- USES
- Heavy duty applications.
 - Hazardous, rugged environments.
 - Power transmission.
 - Signal telemetry.
 - Commonly used on ROV's and large transducers.

PBOF PART NUMBER GUIDE



BULKHEAD CONNECTOR RECEPTACLE

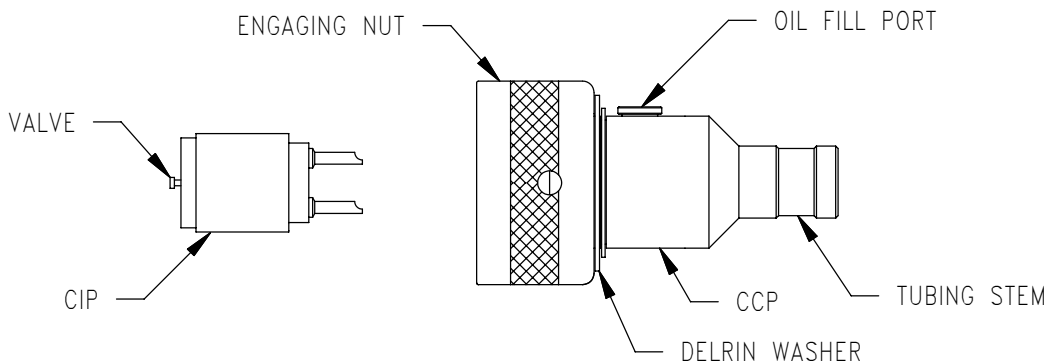


MSSL-*—BCR PBOF HV

DESCRIPTION:

SHELL TYPE: MS – METAL SHELL
 SHELL MATERIAL: S – STAINLESS STEEL
 SHELL SIZE: L
 CONTACT CONFIGURATION:*
 PART TYPE: BCR – BULKHEAD CONNECTOR RECEPTACLE
 SPECIAL FEATURES: PBOF – PRESSURE BALANCED OIL FILLED
 SPECIAL CONTACT SPECS: HV – HIGH VOLTAGE

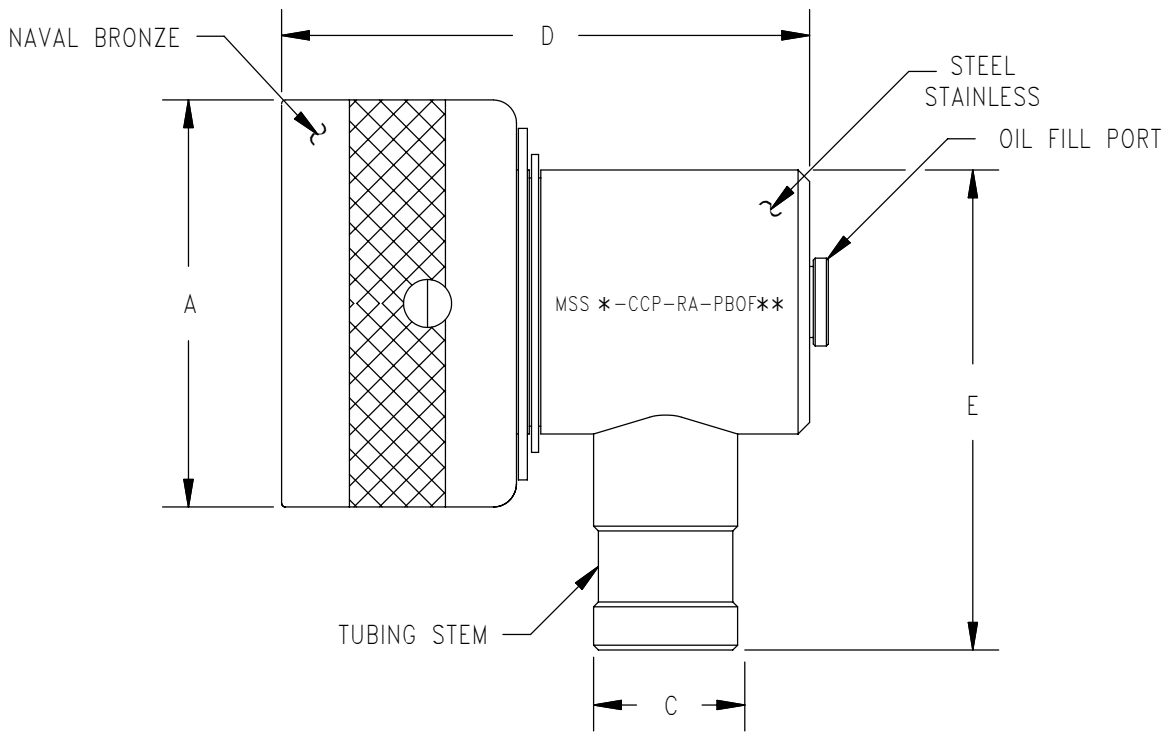
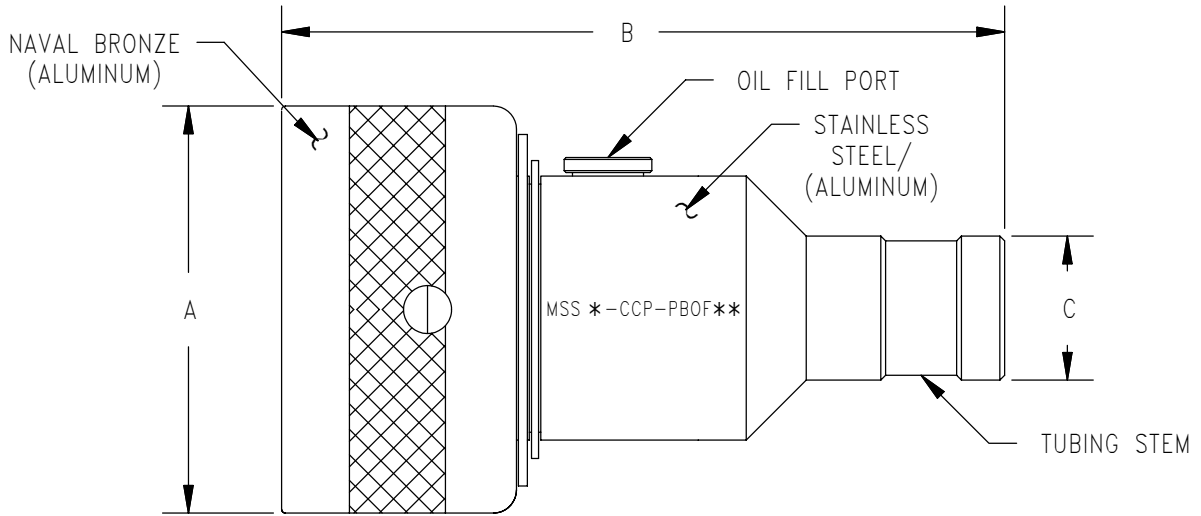
CABLE CONNECTOR PLUG



MSAL-*—CCP PBOF w/ 3/4" Tube

DESCRIPTION:

SHELL TYPE: MS – METAL SHELL
 SHELL MATERIAL: A – ALUMINUM
 SHELL SIZE: L
 CONTACT CONFIGURATION:*
 PART TYPE: CCP – CABLE CONNECTOR PLUG
 SPECIAL FEATURES: PBOF – PRESSURE BALANCED OIL FILLED
 3/4" TUBE – ID OF TUBING TO BE USED
 (3/4" STANDARD FOR OCEANEERING)



SHOWN SHELL SIZE 'L'

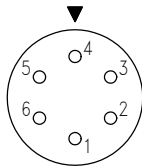
SHELL SIZE	A	B	C	D	E
K	1.87	3.50	1/2" MAX	2.60	2.12
L	2.12	3.75	3/4" MAX	2.75	2.50
M	2.75	5.00	1" MAX	3.70	3.00
Q	4.50	7.00	1-1/4" MAX	4.00	4.12

NOTE: Specify O.D. of tube at time of order.

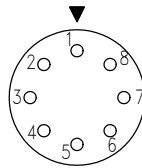
* Specify shell size.

** See Technical Bulletin 45 72 for internal assembly and hardware specifications.

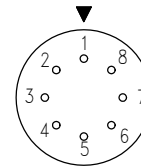
K SIZE CONTACT
CONFIGURATION
(BCR FACE VIEWS)



6#16
1500VDC

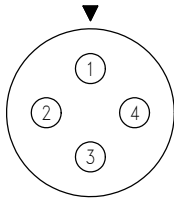


8#16
1000VDC

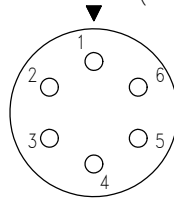


8#20
600VDC

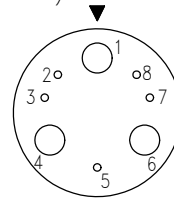
L SIZE CONTACT
CONFIGURATION
(BCR FACE VIEW)



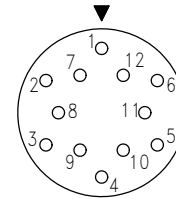
4#8
High Voltage
3000VDC



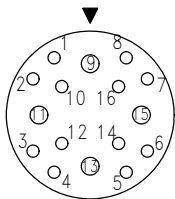
6#14
1000VDC



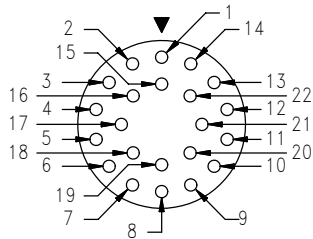
5#20
3#8
600VDC



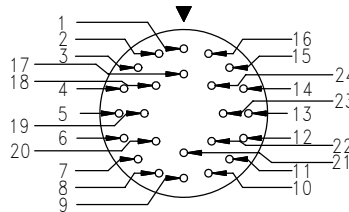
12#16
1000VDC



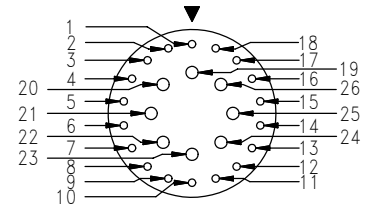
4#14
12#16
1000VDC



22#16
1000VDC

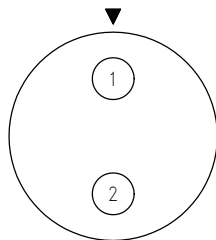


24#20
600VDC

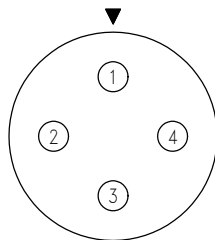


8#16
18#20
300VDC

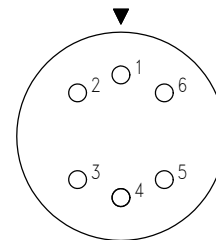
M SIZE CONTACT
CONFIGURATION
(BCR FACE VIEWS)



2#6
1000 VDC



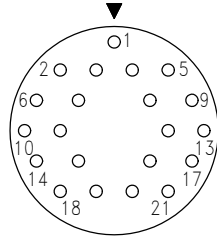
4#8 *
1000VDC



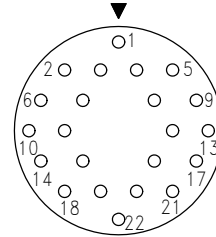
6#14
600VDC

*Also available in high voltage.
(3000 VDC)

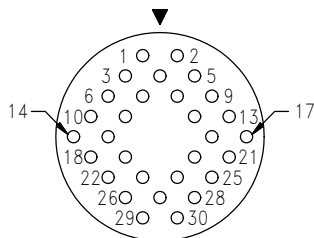
M SIZE CONTACT
CONFIGURATION
(BCR FACE VIEWS)



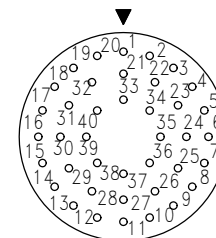
21#16
600VDC



22#16
600VDC

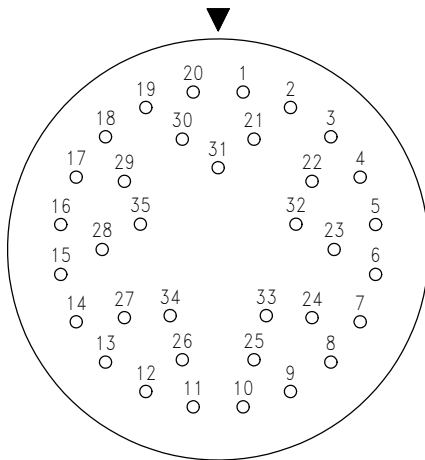


30#16
600VDC

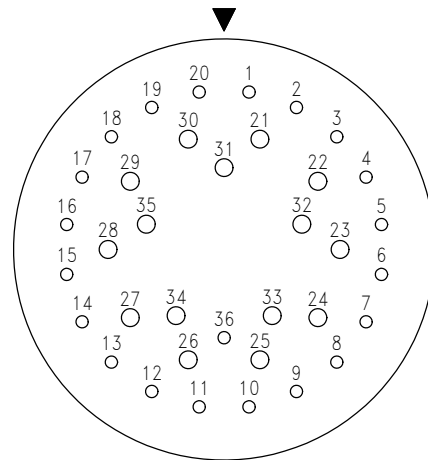


40#20
300VDC

Q SIZE CONTACT
CONFIGURATION
(BCR FACE VIEWS)



35#16
(High Voltage)
2000VDC



15#14
21#16
(High Voltage)
2000VDC