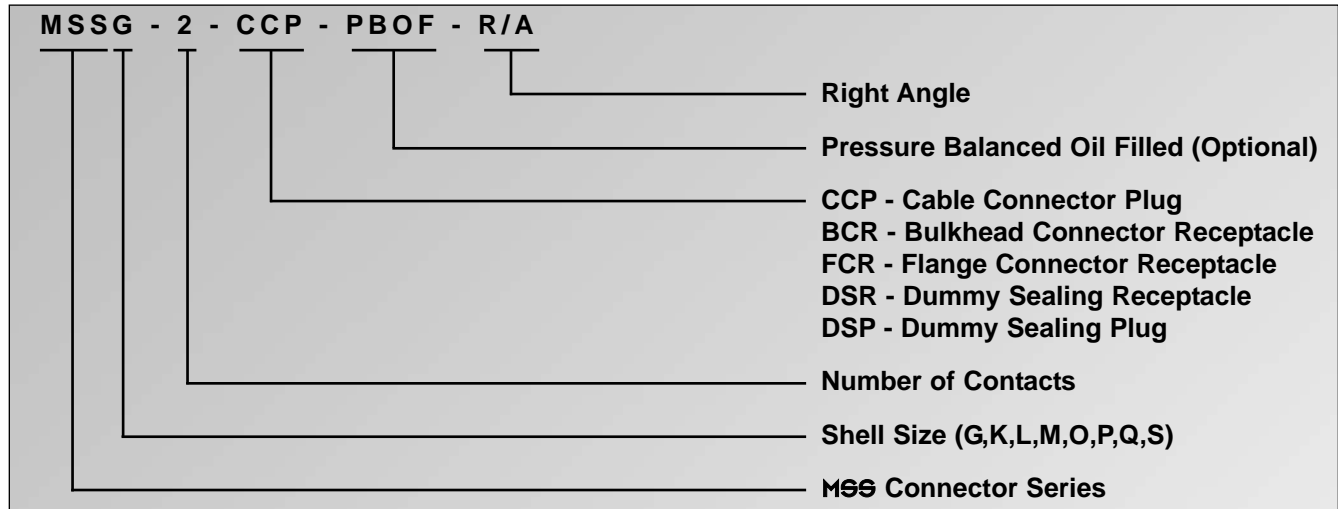


## PART NUMBER SYSTEM

EXAMPLE:



## GENERAL INFORMATION

COMPONENT	MATERIAL
<b>BULKHEAD BODY (BCR/FCR)</b>	316 Stainless Steel (or equivalent)
<b>CCP BODY</b>	316 Stainless Steel (or equivalent)
<b>CONTACT INSERTS</b>	Glass filled epoxy per MIL-M-24325
<b>ELECTRICAL INSERTS</b>	Copper alloy gold plated per MIL-G-45204
<b>ENGAGING NUT</b>	CA630 (or equivalent)
<b>O-RINGS</b>	Nitrile (formerly known as Buna N)

CATEGORY	VALUE
<b>MATED PRESSURE</b>	Upto 20,000 psi mated and potted for standard non-PBOF. 5,000 psi if not potted. Upto 7,500 psi mated and potted for standard PBOF. 2,500 psi if not potted.
<b>OPEN FACE PRESSURE</b>	Pressure ratings can be accomplished with most of this range, but the connectors are not open face rated as standard. Please contact SEACON for further information.
<b>VOLTAGE RATING</b>	600 VDC as standard although higher voltage versions are available. Please refer to the contact configuration pages 11-16.
<b>CURRENT RATING</b>	Upto 200 amps dependent on contact size and cable (see below for electrical contact sizes)

**OPTIONS**

Pressure Balanced Oil Filled (PBOF).  
Higher Voltages.  
Slip on assemblies (in-field termination).  
Armored cable terminations.  
Available in alternative materials; Monel™, Titanium, Aluminum and PEEK. Please contact SEACON for further information.

## ELECTRICAL CONTACT SIZES

CONTACT AWG	DIAMETER (INCHES)	AMPACITY (AMPS)
#28 AWG	0.015	0.5
#22 AWG	0.031	2.5
#20 AWG	0.040	4
#16 AWG	0.062	13
#14 AWG	0.093	16
#10 AWG	0.125	23
#8 AWG	0.156	50
#6 AWG	0.218	65
#4 AWG	0.255	90
#1/0 AWG	0.355	200

**NOTE:**

The ampacity is computed at temperature range of +30°F + 68°F. Above 70°F the ampacity drops.

Current ratings can be impacted by cable selection.