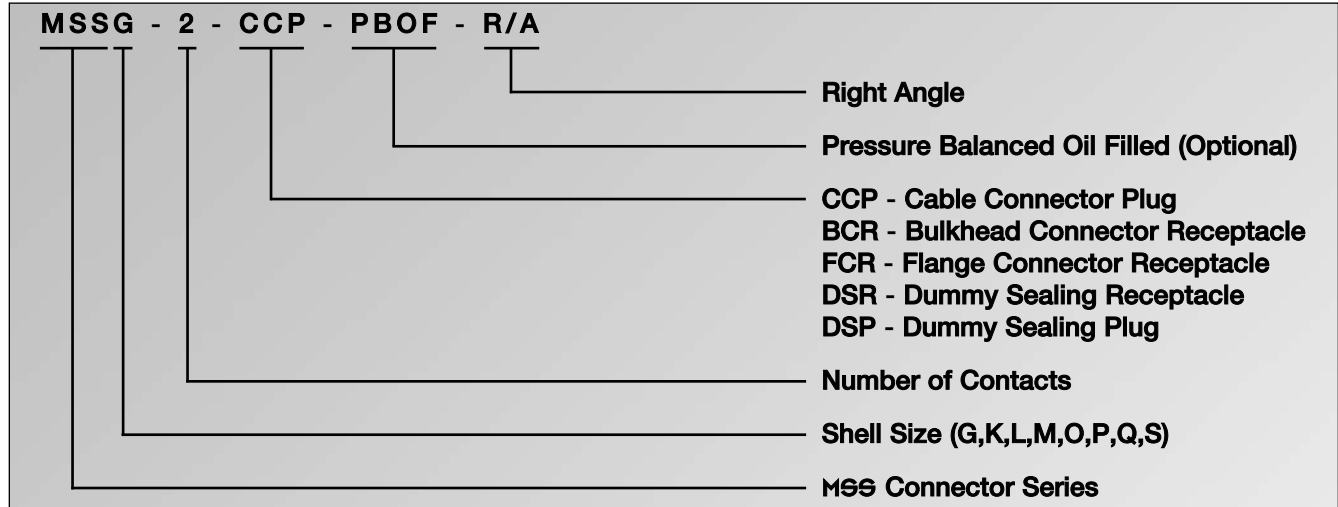


MSS SERIES

PART NUMBER SYSTEM

EXAMPLE:



GENERAL INFORMATION

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

CATEGORY	VALUE
MATED PRESSURE	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.
OPEN FACE PRESSURE	Pressure ratings can be accomplished with most of this range, but the connectors are not open face rated as standard. Please contact SEA CON® for further information.
VOLTAGE RATING	600 VDC as standard although higher voltage versions are available. Please refer to the contact configuration pages 11-16.
CURRENT RATING	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 SEA CON® 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.