

SubConn® High Power

4 contacts

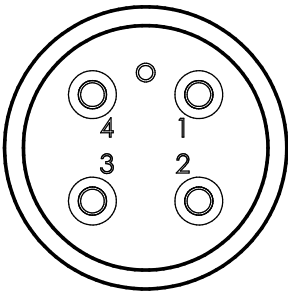
Connector specifications

Voltage rating	600 V DC/AC rms
Current rating (water)	50 A per contact (max 200 A per connector)
Insulation resistance	> 200 MΩ
Contact resistance	< 0.01 Ω
Wet matings	> 500
Temperature rating (water)	- 4 to 60°C, 25 to 140°F
Temperature rating (air)	- 40 to 60°C, - 40 to 140°F
Storage temperature rating	- 40 to 60°C, - 40 to 140°F
Qualified pressure tested	1,400 bar, 20,300 psi (mated) 800 bar, 11,600 psi (open face)
Depth rating PEEK	300 bar, 4,350 psi

Material specifications

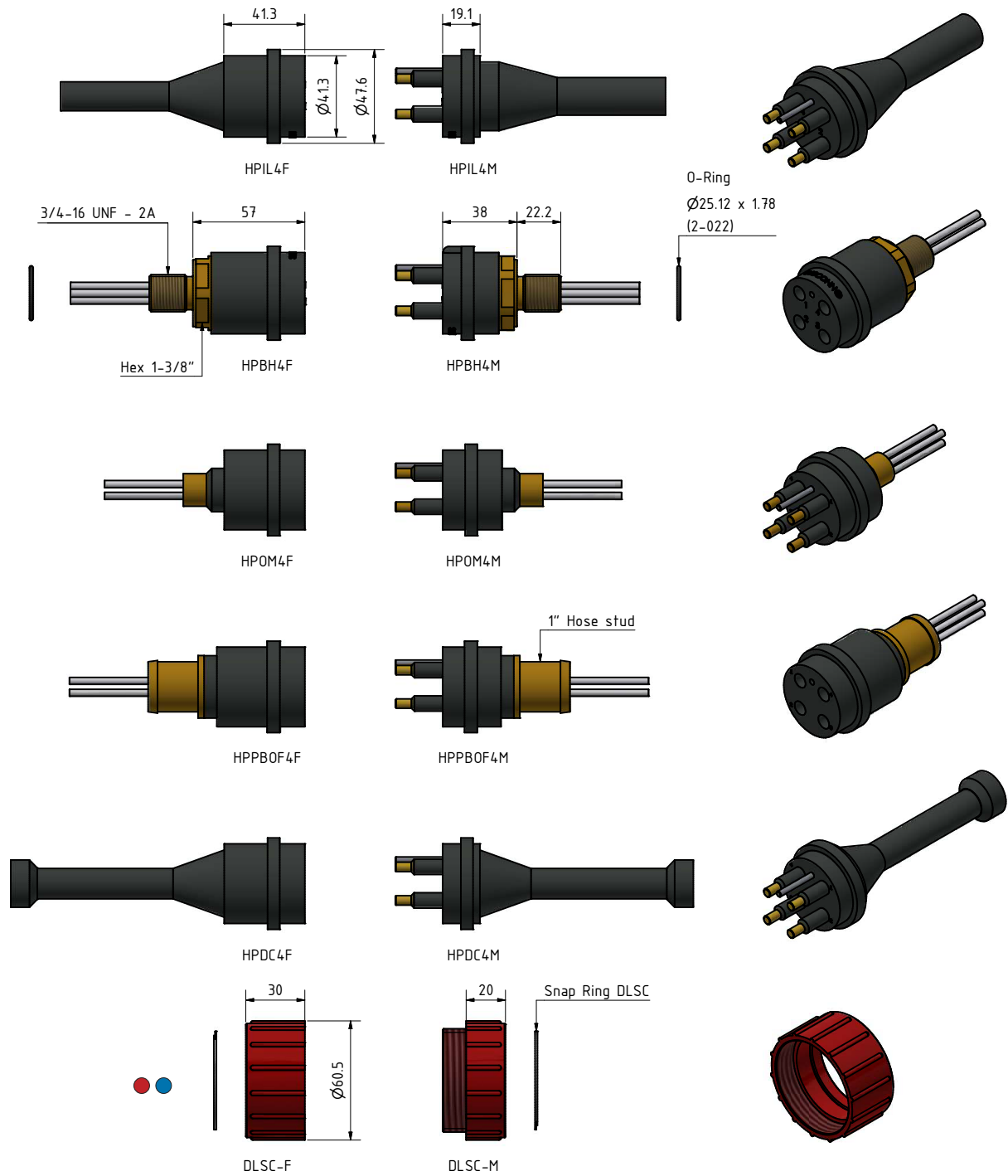
Connector body	Chloroprene rubber
Bulkhead body	Brass, stainless steel, titanium or anodised aluminium
Contacts	Brass UNS - C36000
Location pin	Stainless steel AISI 303
O-rings	Nitrile
Locking sleeves	POM or stainless steel
Snap rings	Stainless steel AISI 302
Inline cable (2 ft, 60 cm)	8 AWG, 8.36 mm² synthetic rubber
Bulkhead and PBOF leads (1 ft, 30 cm)	10 AWG, 5.26 mm² white tagged PTFE
OM leads (3", 7 cm)	10 AWG, 5.26 mm² white tagged PTFE

Face view (male)



Inline cable colour code

1 Black	3 Red
2 White	4 Green



Drawing information

Dimensions in mm (1 mm = 0.03937 inches)
Threads in inches (1 inch = 25.4 mm)