

SubConn® Micro Circular

10, 12 and 16 contacts

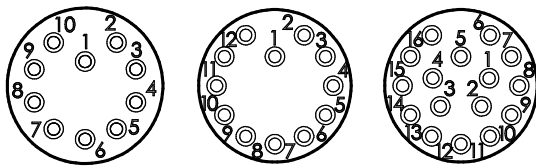
Connector specifications

Voltage rating	300 V DC/AC rms
Current rating	5 A per contact (max 30 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

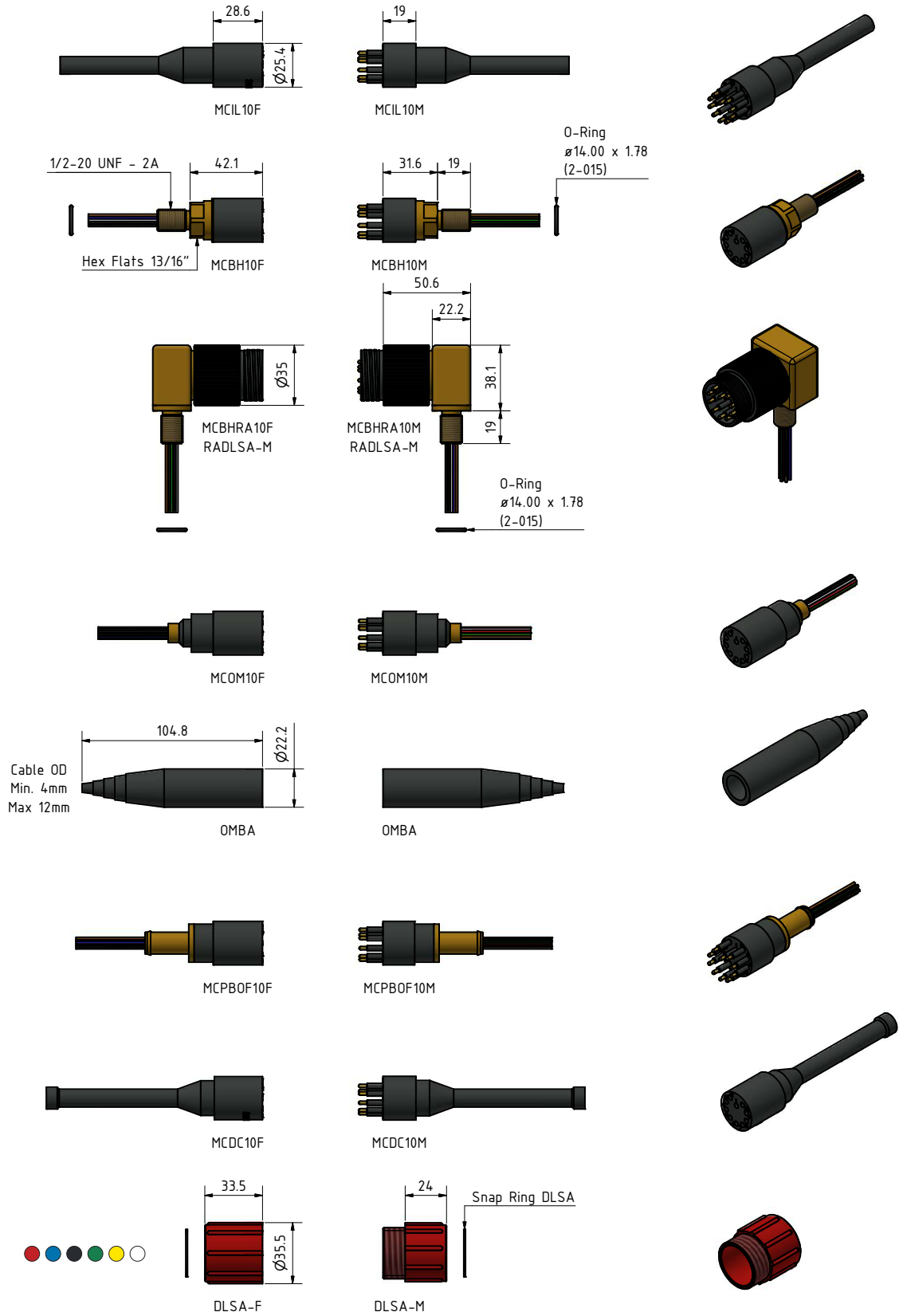
Connector body	Chloroprene rubber
Bulkhead body	Brass, stainless steel, titanium, anodised aluminium or PEEK
Bulkhead body (RA)	Brass, stainless steel, titanium or anodised aluminium
Contacts	Female sockets in gold plated brass UNS - C36000
	Male contacts in gold plated beryllium copper
O-rings	Nitrile
Locking sleeves	POM or stainless steel
Locking sleeves (RA)	RADLSA-M (black POM)
Snap rings	Stainless steel AISI 302
Inline cable (2 ft, 60 cm)	20 AWG, 0.52 mm ² synthetic rubber
Bulkhead and PBOF leads (1 ft, 30 cm)	20 AWG, 0.52 mm ² coloured PTFE
OM leads (3", 7 cm)	20 AWG, 0.52 mm ² coloured PTFE

Face view (male)



Inline cable colour code

1 Black	5 Orange	9 Green/black	13 Red/white
2 White	6 Blue	10 Orange/black	14 Green/white
3 Red	7 White/black	11 Blue/black	15 Blue/white
4 Green	8 Red/black	12 Black/white	16 Black/red



Drawing information

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