

# SubConn® Low Profile

## 3 and 4 contacts

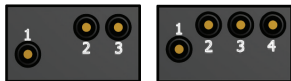
### Connector specifications

Single contact rating	600 V DC/AC rms
3 contacts current rating	10 A per contact (max 30 A per connector)
4 contacts current rating	10 A per contact (max 40 A per connector)
Insulation resistance	> 200 Mohm
Contact resistance	< 0.01 ohm
Wet matings	> 500 (open face rated)
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	800 bar, 11,600 psi
Depth rating PEEK	300 bar, 4,350 psi

### Material specifications

Connector body	Chloroprene rubber
Bulkhead body	Brass, stainless steel, titanium, anodised aluminium or PEEK
Contacts	Gold plated brass UNS - C36000
O-rings	Nitrile
Locking strap	Chloroprene rubber
Inline cable (2 ft, 60 cm)	16 AWG, 1.31 mm <sup>2</sup> chloroprene rubber
Bulkhead leads (1 ft, 30 cm)	18 AWG, 0.82 mm <sup>2</sup> coloured PTFE
OM leads (3", 7 cm)	18 AWG, 0.82 mm <sup>2</sup> coloured PTFE

### Face view (male)

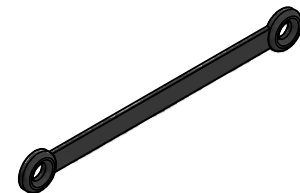
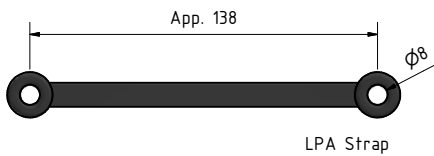
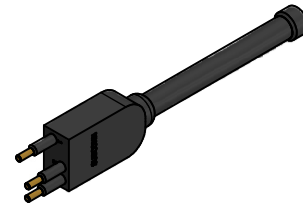
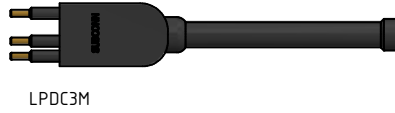
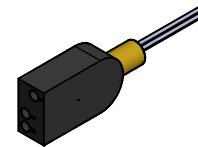
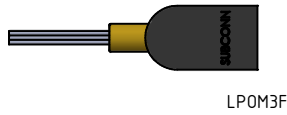
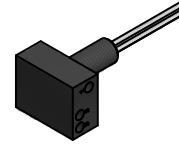
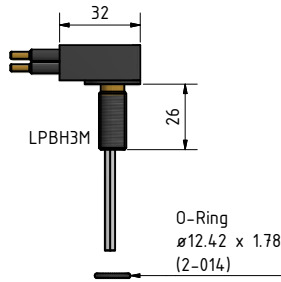
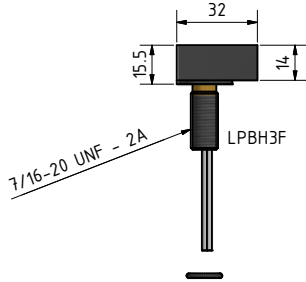
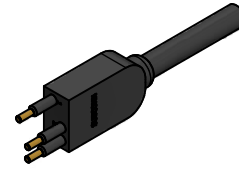
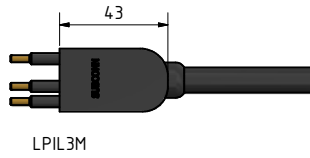
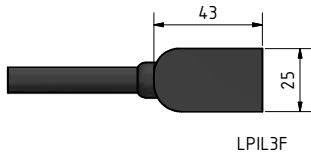


### Inline cable colour code

1 Black                      2 White                      3 Red                      4 Green  
(3 conductor cable colour code: 1 black, 2 white, 3 green)

### Nominal cable outside diameter (OD)

3 conductor cable 0.385", 9.8 mm  
4 conductor cable 0.410", 10.4 mm



**Drawing information**

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