

# SubConn® Low Profile

## 3 and 4 contacts

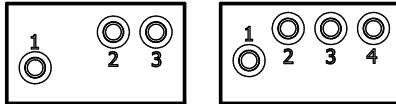
### Connector specifications

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 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
Contacts	Gold plated brass UNS - C36000
O-rings	Nitrile
Locking strap	Chloroprene rubber
Inline cable (2 ft, 60 cm or 16 ft, 5 m)	16 AWG, 1.31 mm <sup>2</sup> synthetic rubber
Bulkhead leads (1 ft, 30 cm)	18 AWG, 0.82 mm <sup>2</sup> coloured ETFE
OM leads (3", 7 cm)	18 AWG, 0.82 mm <sup>2</sup> coloured ETFE

### Face view (male)

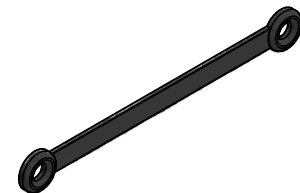
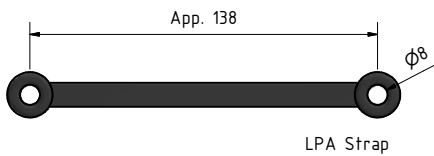
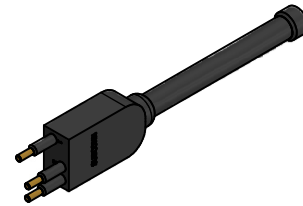
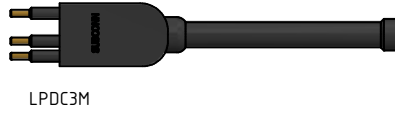
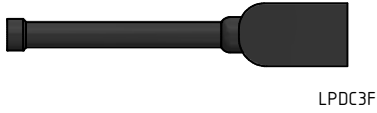
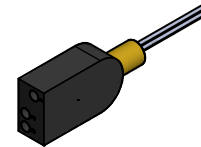
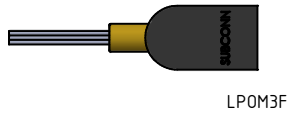
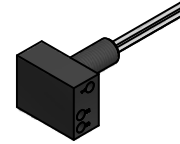
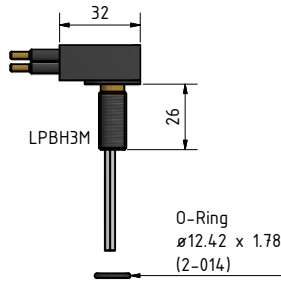
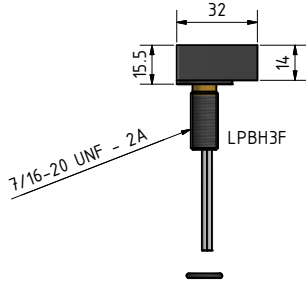
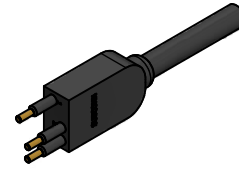
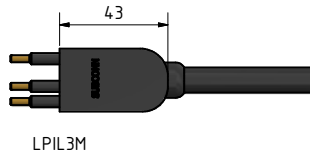
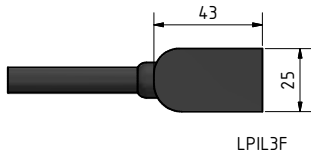


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### Inline cable colour code

1 Black	3 Red
2 White	4 Green

\* 3 conductor cable colour code: 1 black, 2 white, 3 green



### Drawing information

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