

SubConn® Low Profile

3 and 4 contacts

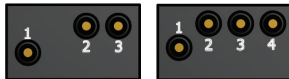
Connector specifications

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
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 (60 cm, 2 ft)	16 AWG 1.31 mm ² chloroprene rubber
Bulkhead leads (30 cm, 1 ft)	18 AWG 0.82 mm ² white tagged PTFE

Face view (male)



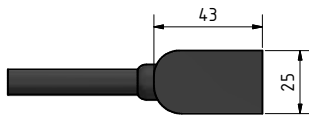
Inline cable colour code

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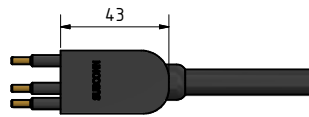
(3 conductor cable colour code: 1 black, 2 white, 3 green)

Nominal cable outside diameter (OD)

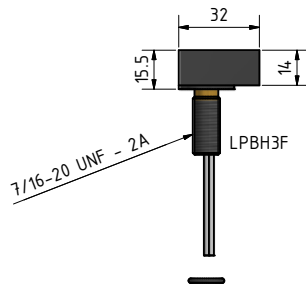
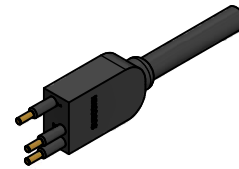
3 conductor cable 0.385", 9.8 mm
4 conductor cable 0.410", 10.4 mm



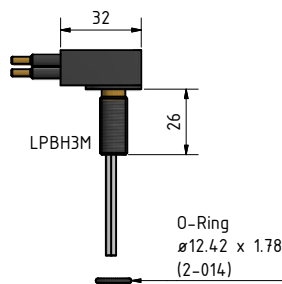
LPIL3F



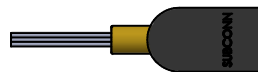
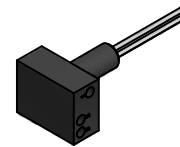
LPIL3M



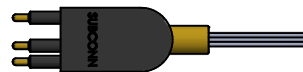
LPBH3F



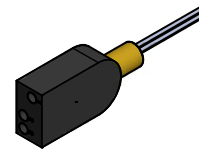
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LPOM3F



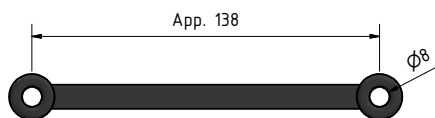
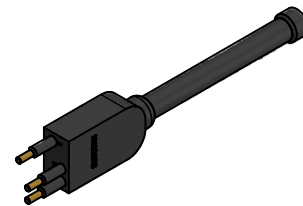
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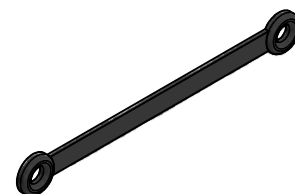
LPDC3F



LPDC3M



LPA Strap



Drawing information

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