

SubConn® Low Profile

5 contacts

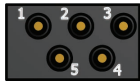
Connector specifications

| | |
|----------------------------|---|
| Voltage rating | 600 V DC/AC rms |
| 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) | 18 AWG 0.82 mm ² chloroprene rubber |
| Bulkhead leads (30 cm, 1 ft) | 18 AWG 0.82 mm ² white tagged PTFE |

Face view (male)

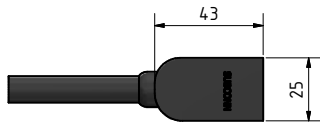


Inline cable colour code

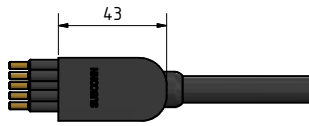
| | |
|---------|----------|
| 1 Black | 4 Orange |
| 2 Red | 5 Yellow |
| 3 Blue | |

Nominal cable outside diameter (OD)

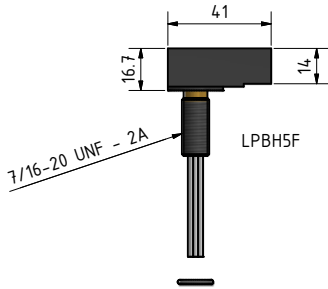
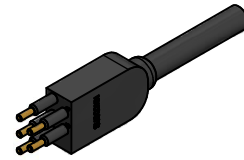
5 conductor cable 0.328", 8.4 mm



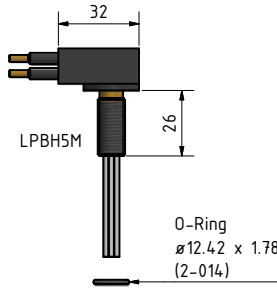
LPIL5F



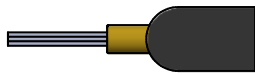
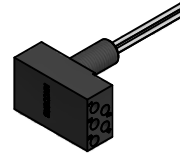
LPIL5M



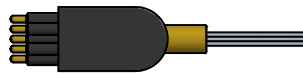
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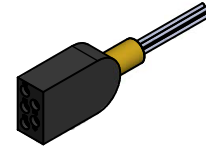
LPBH5M



LPOM5F



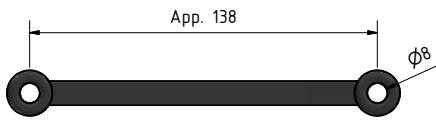
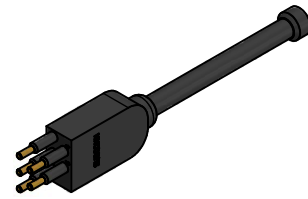
LPOM5M



LPDC5F



LPDC5M



LPA Strap



Low Profile

Drawing information

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