



General dimensions (mm)

Connector scale 2:3

**TECHNICAL DATA**

**Mechanical**

Shell material \_\_\_\_\_ Aluminium alloy  
 Shell plating \_\_\_\_\_ Black (non conductive)  
 Insulator material \_\_\_\_\_ PPS  
 Contact material \_\_\_\_\_ Copper alloy  
 Contact plating \_\_\_\_\_ Gold over nickel  
 Operating temperature range \_\_\_\_\_ -40 °C to +85 °C  
 IP67 rated when connectors mated  
 Resistant to saline atmosphere 600 h ASTM B-117

**Electrical**

Ø Male contact \_\_\_\_\_ 19 of Ø 3 mm  
 Working current \_\_\_\_\_ 25 A  
 Wire section \_\_\_\_\_ 2.5 mm<sup>2</sup>  
 Max contact resistance \_\_\_\_\_ 0.005 Ω  
 Working voltage at sea level \_\_\_\_\_ 400 Vac  
 Test voltage at sea level \_\_\_\_\_ 1750 Vac  
 Crimp contacts

**CONNECTOR (W / O CONTACTS) PART NUMBER**

**9 2 0 7 4 1 9 C D 0 P E 2 0 9 0**

Series: Standard connector

Type: Long straight plug

Insulator: 419CD

Polarisation: Standard

Gender: Male

Cable clamp: Ø 15 to Ø 23 mm

Finish: Black (non conductive)

Customised design: Fixing screw

**CONTACTS PART NUMBER**

**P X C 8 2**

