

D108 Series Circular Electric Connector

Brief introduction

- Contacts: 5pins
- Light weight; fast insert and extract
- Removable contacts, easy for maintenance
- With waterproof and dustproof structure
- Application: auto sport, automotive, etc.
- Standard: E/SC-A(3)19-2008

Specification

- Temperature range: -55°C to $+175^{\circ}\text{C}$
- Vibration: 147 m/s², 10 to 2000 Hz
- Contact retention: 45 N
- Test voltage: 1200 Vrms
- Contact resistance $\leq 15\text{ m}\Omega$
- Insulation resistance (at 500 Vdc) 5000 M Ω
- Rating current: 3 A
- Sealed standard: IP68
- Salt spray: 96 hours
- Durability: 500 times

How to order

D108- 5 PI/RH

- ① ② ③
- ① D108: Serial number
 - ② Contacts: 5pins
 - ③ Connector and contact type:
PI- pin in plug
RH- socket in receptacle

Connector materials and surface treatment

| | | |
|--------------|-----------------|---|
| Contacts | copper alloy | 1. copper plating→ 2. nickel plating→ 3. gold plating |
| Outer Shell | PEI | |
| Insulator | PPS | |
| Sealed parts | Silicone rubber | |

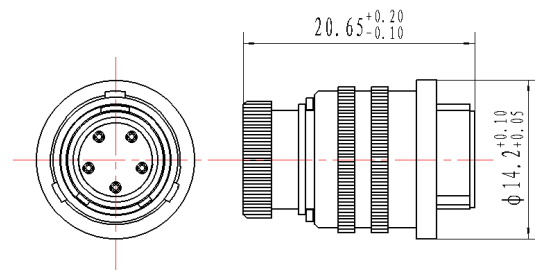
Product solid picture

- Plug
- D108-5PI



Appearance dimension

Plug (D108-5PI)





D109 Glass-sinter Sealed Circular Connector

Brief introduction

- Contacts: 2 pins
- Glass-sinter sealed
- Withstand high temperature and high voltage
- Application: oil exploration and other harsh environment application
- Standard: E/SC-A(3)29-2006

Specification

- Withstand voltage ≥ 1200 Vrms
- Insulation resistance ≥ 5000 M Ω (500 Vdc)
- Leakage: 1×10^{-9} Pa·m³/S
- Salt spray: 96 hours

How to order

D109- 2 PI/RH

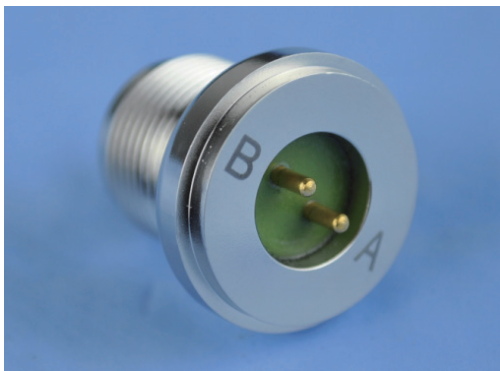
- ① ② ③
- ① D109- Serial number
 - ② Contacts: 2 pins
 - ③ Connector and contact type:
PI- pin in plug
RH- socket in receptacle

Connector materials and surface treatment

| | | |
|-------------|---------------------------|-------------------------------------|
| Contacts | alloy | 1. nickel plating → 2. gold plating |
| Outer shell | anti heat stainless steel | |
| Insulator | glass powder | |

Product solid picture

- Plug
- D109-2 PI



Appearance dimension

Plug (D109-2 PI)

