

## 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°C
- Vibration: 147 m/s<sup>2</sup>, 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 $\Omega$
- 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	

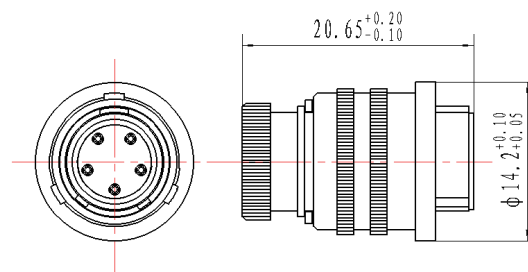
### Product solid picture

- 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  $\geq 1200$  Vrms
- Insulation resistance  $\geq 5000$  M $\Omega$  ( 500 Vdc)
- Leakage:  $1 \times 10^{-9}$  Pa·m<sup>3</sup>/S
- Salt spray: 96 hours

### How to order

#### D109- 2 PI/RH

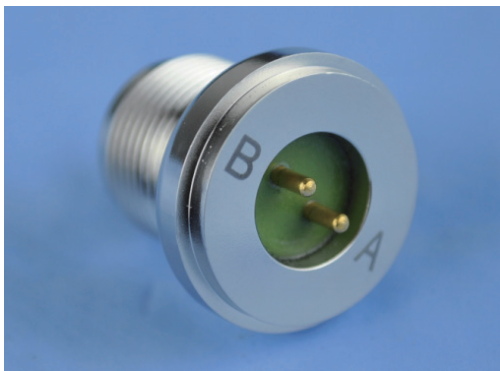
- ① ② ③
- ① D109- Serial number
  - ② Contacts: 2 pins
  - ③ Connector and contact type:  
PI- pin in plug  
RH- socket in receptacle

### 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)

