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℃ to +175℃
- Vibration: 147 m/s2, 10 to 2000 Hz
- Contact retention: 45 N
- Test voltage: 1200 Vrms
- Contact resistance ≤ 15 mΩ
- Insulation resistance (at 500 Vdc) 5000 MΩ
- 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

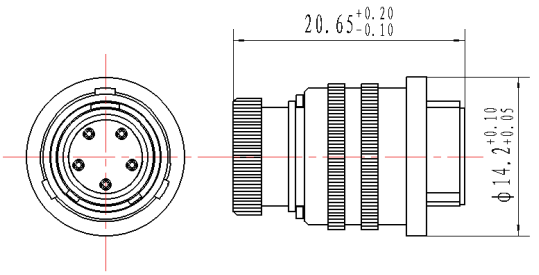
Contacts	copper alloy	1. copper plating→ 2. nickel plating→ 3. gold plating
Outer Shell	PEI	
Insulator	PPS	
Sealed parts	Silicone rubber	

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 MΩ (500 Vdc)
- Leakage: 1×10^{-9} Pa•m^3/S
- Salt spray: 96 hours

How to order

D109- 2 PI/RH

① ② ③

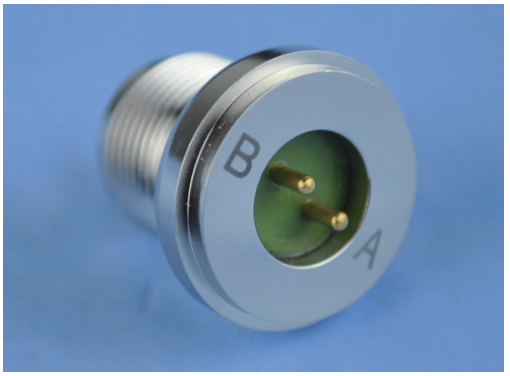
① D109– Serial number
② Contacts: 2 pins
③ Connector and contact type:
PI– pin in plug
RH– socket in receptacle

Connector materials and surface treatment

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

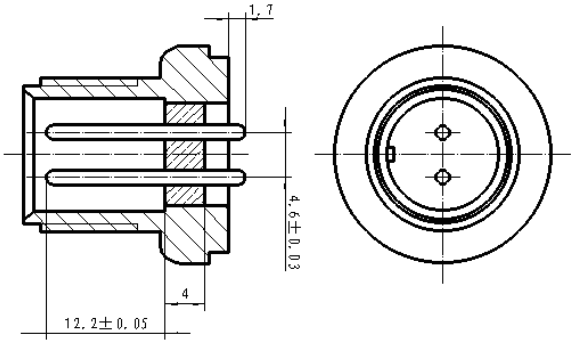
Product solid picture

- Plug
- D109–2 PI



Appearance dimension

Plug (D109-2 PI)



sunkye International Co., Limited. Email: sales@sunkye.com Tel: 00852-69486797 Fax: 00852-31828508