

# ***RD24 Connectors***



## **RD24 Series Circular Connectors**

**1.Assembly connector**

**RD01-RD04**

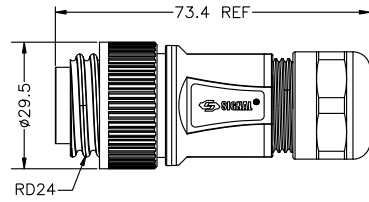
# RD24 Circular connectors

## Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



## Order Data/订货信息

| Contacts/芯数 | Order No/订货号  | P/N/料号 |
|-------------|---------------|--------|
| 7pins       | 240007-01-001 | —      |

## Specifications/技术参数

|                            |                          |
|----------------------------|--------------------------|
| Number of contacts/芯数      | 6+PE                     |
| Termination/接线方式           | screw clamp/锁螺丝          |
| Wire gauge/线规              | max. 18-22AWG            |
| Cable OD/线材直径              | 6~8mm                    |
| Operating temperature/工作温度 | -25°C ~ +85°C            |
| Mechanical operation/插拔次数  | > 100 mating cycles      |
| Rated voltage/额定电压         | 250V                     |
| Rated current (40°C)/额定电流  | 8A                       |
| Protection degree/防护等级     | IP67                     |
| Contact resistance/接触电阻    | $\leq 10\text{m}\Omega$  |
| Insulation resistance/绝缘电阻 | $\geq 100\text{M}\Omega$ |
| Pin contact/插针材料           | CuZn                     |
| Socket contact/插孔材料        | CuSn                     |
| Contact plating/针孔镀层材料     | Au                       |

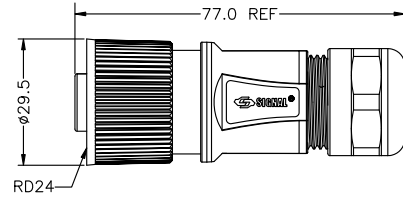
# RD24 Circular connectors

## Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



## Order Data/订货信息

| Contacts/芯数 | Order No/订货号  | P/N/料号 |
|-------------|---------------|--------|
| 7pins       | 240007-02-001 | —      |

## Specifications/技术参数

|                            |                     |
|----------------------------|---------------------|
| Number of contacts/芯数      | 6+PE                |
| Termination/接线方式           | screw clamp/锁螺丝     |
| Wire gauge/线规              | max. 18-22AWG       |
| Cable OD/线材直径              | 6~8mm               |
| Operating temperature/工作温度 | -25°C ~ +85°C       |
| Mechanical operation/插拔次数  | > 100 mating cycles |
| Rated voltage/额定电压         | 250V                |
| Rated current (40°C)/额定电流  | 8A                  |
| Protection degree/防护等级     | IP67                |
| Contact resistance/接触电阻    | ≤10mΩ               |
| Insulation resistance/绝缘电阻 | ≥100MΩ              |
| Pin contact/插针材料           | CuZn                |
| Socket contact/插孔材料        | CuSn                |
| Contact plating/针孔镀层材料     | Au                  |

M5

M8

M9

M12

M16

M17

M23

7/8

RD24

D-B

NMEA

D-Sub

USB

RF

P-P

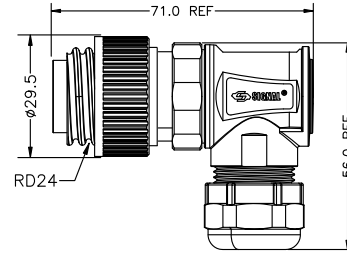
# RD24 Circular connectors

## Male assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



## Order Data/订货信息

| Contacts/芯数 | Order No/订货号  | P/N/料号 |
|-------------|---------------|--------|
| 7pins       | 240007-01-002 | —      |

## Specifications/技术参数

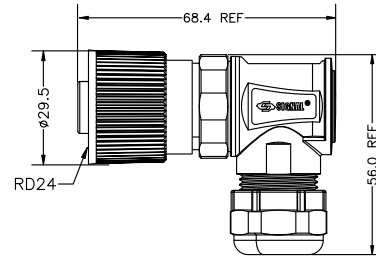
|                            |                          |
|----------------------------|--------------------------|
| Number of contacts/芯数      | 6+PE                     |
| Termination/接线方式           | screw clamp/锁螺丝          |
| Wire gauge/线规              | max. 18-22AWG            |
| Cable OD/线材直径              | 6~8mm                    |
| Operating temperature/工作温度 | -25°C ~ +85°C            |
| Mechanical operation/插拔次数  | > 100 mating cycles      |
| Rated voltage/额定电压         | 250V                     |
| Rated current (40°C)/额定电流  | 8A                       |
| Protection degree/防护等级     | IP67                     |
| Contact resistance/接触电阻    | $\leq 10\text{m}\Omega$  |
| Insulation resistance/绝缘电阻 | $\geq 100\text{M}\Omega$ |
| Pin contact/插针材料           | CuZn                     |
| Socket contact/插孔材料        | CuSn                     |
| Contact plating/针孔镀层材料     | Au                       |

## Female assembly connector

Product figure



Scale diagram



Contact layout/针孔排布 (Front view/前视图)

6+PE



## Order Data/订货信息

| Contacts/芯数 | Order No/订货号  | P/N/料号 |
|-------------|---------------|--------|
| 7pins       | 240007-02-002 | —      |

## Specifications/技术参数

|                            |                          |
|----------------------------|--------------------------|
| Number of contacts/芯数      | 6+PE                     |
| Termination/接线方式           | screw clamp/锁螺丝          |
| Wire gauge/线规              | max. 18-22AWG            |
| Cable OD/线材直径              | 6~8mm                    |
| Operating temperature/工作温度 | -25°C ~ +85°C            |
| Mechanical operation/插拔次数  | > 100 mating cycles      |
| Rated voltage/额定电压         | 250V                     |
| Rated current (40°C)/额定电流  | 8A                       |
| Protection degree/防护等级     | IP67                     |
| Contact resistance/接触电阻    | $\leq 10\text{m}\Omega$  |
| Insulation resistance/绝缘电阻 | $\geq 100\text{M}\Omega$ |
| Pin contact/插针材料           | CuZn                     |
| Socket contact/插孔材料        | CuSn                     |
| Contact plating/针孔镀层材料     | Au                       |

A large grid of small dots for handwritten notes, covering the majority of the page below the header.