

FEATURES

- **IP68 Rating:** Ensures protection against dust and water, making it suitable for harsh environments.
- **Gold-Plated Brass Contacts:** Provides excellent conductivity and resistance to corrosion, enhancing durability.
- **Threaded Mating Type:** Offers secure connections, reducing the risk of disconnection during operation.
- **Wide Temperature Range (-40 °C to 85 °C):** Suitable for use in extreme temperature conditions.
- **Screw Termination:** Allows for easy and secure installation.
- **500 V Voltage Rating:** Capable of handling high voltage applications.
- **2 Pin Configuration:** Simplifies connections for basic electrical circuits.

RS PRO SP25 Circular Connector, 2 Pin

RS Stock No: 672-241



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

This RS PRO SP25 Circular Connector is designed for reliable electrical connections in demanding environments. With a robust construction and versatile design, it is ideal for industrial applications requiring secure and efficient connectivity.

General Specifications

Contact Gender	Female/Male
Contact Material	Brass Alloy
Contact Plating	Gold
Mating Type	Threaded
Number of Contacts	2
Orientation	Straight
Product Type	Circular Connector
Connector Size	SP25
Current	10 A
Housing Material	66 Nylon, Polycarbonate
Termination Type	Screw

Protection Category

IP Rating	IP68
-----------	------

Operation Environment Specifications

Maximum Operating Temperature	85 °C
Minimum Operating Temperature	-40 °C

Mechanical Specifications

Mount Type	Screw
------------	-------

Electrical Specifications

Plug/Socket	Plug, Socket
Pole Format	2 Pin
Voltage	500 V

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021, CE, RoHS
---------------------	--------------------------------