

FEATURES

- **SP25 connector size:** Ensures compatibility with a wide range of devices and systems
- **Female/Male contact gender:** Offers flexibility for various connection needs
- **Brass alloy contacts with gold plating:** Provides excellent conductivity and corrosion resistance
- **5 A, 25 A current rating:** Supports both low and high current applications
- **66 Nylon and Polycarbonate housing:** Delivers strength and resistance to environmental factors
- **IP68 rating:** Ensures protection against dust and water ingress
- **Threaded mating type:** Secures connections in high-vibration environments
- **Wide operating temperature range (-40 °C to 85 °C):** Suitable for extreme temperature conditions

RS PRO SP25 Circular Connector, 9 Pin

RS Stock No: 672-244



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 circular connector is designed for reliable and secure electrical connections in demanding environments. With a robust construction and versatile design, it is ideal for industrial applications requiring high performance and durability.

General Specifications

Contact Gender	Female/Male
Contact Material	Brass Alloy
Contact Plating	Gold
Mating Type	Threaded
Number of Contacts	9
Orientation	Straight
Product Type	Circular Connector
Connector Size	SP25
Current	5 A, 25 A
Housing Material	66 Nylon, Polycarbonate
Termination Type	Solder

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	9 Pin
Voltage	500 V

Approvals

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