

FEATURES

- **12 Pin Configuration:**
Supports multiple connections for versatile applications
- **Gold-Plated Brass Contacts:** Provides excellent conductivity and corrosion resistance
- **IP67 Rating:** Ensures protection against dust and water ingress
- **Threaded Mating Type:**
Offers secure and reliable connections
- **Wide Operating Temperature Range:**
Functions effectively from -40 °C to 85 °C
- **Screw Mount Type:**
Facilitates easy and secure installation
- **500 V Voltage Rating:**
Suitable for high-voltage applications
- **10 A Current Rating:**
Supports substantial power transmission

RS PRO SP25 Circular Connector, 12 Pin

RS Stock No: 672-246



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

The RS PRO SP25 Circular Connector is designed for robust and reliable connections in demanding environments. With a 12-pin configuration, it is ideal for applications requiring multiple signal or power connections. Its threaded mating type ensures secure attachment, making it suitable for industrial and outdoor use.

General Specifications

Contact Gender	Female/Male
Contact Material	Brass Alloy
Contact Plating	Gold
Mating Type	Threaded
Number of Contacts	12
Orientation	Straight
Product Type	Circular Connector
Connector Size	SP25
Current	10 A
Housing Material	66 Nylon, Polycarbonate
Termination Type	Solder

Protection Category

IP Rating	IP67
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Operation Environment Specifications

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

Mechanical Specifications

Mount Type	Screw
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Electrical Specifications

Plug/Socket	Plug, Socket
Pole Format	12 Pin
Voltage	500 V

Approvals

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