

FEATURES

- **9 Pin Configuration:** Supports multiple connections in a compact form.
- **Gold-Plated Brass Contacts:** Provides excellent conductivity and corrosion resistance.
- **IP67 Rating:** Ensures protection against dust and water ingress, suitable for harsh environments.
- **Bayonet Mating Type:** Allows for quick and secure connections, reducing installation time.
- **Wide Operating Temperature Range:** Functions effectively between -20 °C and 70 °C, suitable for various climates.
- **Solder Termination:** Ensures a stable and reliable connection.
- **500 V Voltage Rating:** Suitable for high-voltage applications.

RS PRO SY25 Circular Connector, 9 Pin

RS Stock No: 672-252



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 SY25 Circular Connector is designed for reliable and secure electrical connections in various industrial applications. Featuring a robust construction, this connector is ideal for environments requiring durability and high performance. Its bayonet mating type ensures quick and secure connections, making it suitable for both plug and socket configurations.

General Specifications

Contact Gender	Female/Male
Contact Material	Brass
Contact Plating	Gold
Mating Type	Bayonet
Number of Contacts	9
Orientation	Straight
Product Type	Circular Connector
Connector Size	SY25
Current	5 A, 25 A
Housing Material	66 Nylon, Polycarbonate
Termination Type	Solder

Protection Category

IP Rating	IP67
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Operation Environment Specifications

Maximum Operating Temperature	70 °C
Minimum Operating Temperature	-20 °C

Mechanical Specifications

Mount Type	Solder
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Electrical Specifications

Plug/Socket	Plug, Socket
Pole Format	9 Pin
Voltage	500 V

Approvals

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