

## FEATURES

- **IP67 Rating:** Provides excellent protection against dust and water ingress, suitable for harsh environments
- **Gold-Plated Brass Contacts:** Ensures superior conductivity and resistance to corrosion
- **66 Nylon and Polycarbonate Housing:** Offers durability and resistance to impact and chemicals
- **10 A Current Rating:** Supports high power applications
- **500 V Voltage Rating:** Suitable for a wide range of electrical systems
- **Bayonet Mating Type:** Allows for quick and secure connections
- **Screw Termination:** Facilitates easy and reliable wiring
- **Operating Temperature Range -20 °C to 70 °C:** Ensures performance in varied temperature conditions

## RS PRO SY25 Circular Connector, 2 Pin

RS Stock No: 672-248



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 a versatile and robust solution designed for reliable electrical connections in demanding environments. With a bayonet mating type, it ensures secure and quick connections, making it ideal for industrial applications where durability and efficiency are paramount.

## General Specifications

Contact Gender	Female/Male
Contact Material	Brass
Contact Plating	Gold
Mating Type	Bayonet
Number of Contacts	2
Orientation	Straight
Product Type	Circular Connector
Connector Size	SY25
Current	10 A
Housing Material	66 Nylon, Polycarbonate
Termination Type	Screw

## 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	2 Pin
Voltage	500 V

## Approvals

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