

FEATURES

- **10 Pin Configuration:** Supports multiple connections in a compact form
- **Bayonet Mating Type:** Ensures secure and rapid connection and disconnection
- **IP67 Rating:** Offers superior protection against dust and water, suitable for harsh environments
- **Gold-Plated Brass Contacts:** Provides excellent conductivity and corrosion resistance
- **66 Nylon and Polycarbonate Housing:** Delivers durability and resistance to impact and chemicals
- **Wide Operating Temperature Range:** Functions effectively from -20 °C to 70 °C
- **Solder Mount Type:** Ensures stable and reliable connections

RS PRO SY25 Circular Connector, 10 Pin

RS Stock No: 672-253



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 robust and reliable electrical connections in industrial environments. With a 10-pin configuration, it supports a current rating of up to 10 A and a voltage of 500 V, making it ideal for various demanding applications. Its bayonet mating type ensures secure and quick connections, while the IP67 rating provides excellent protection against dust and water ingress.

General Specifications

Contact Gender	Female/Male
Contact Material	Brass
Contact Plating	Gold
Mating Type	Bayonet
Number of Contacts	10
Orientation	Straight
Product Type	Circular Connector
Connector Size	SY25
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	70 °C
Minimum Operating Temperature	-20 °C

Mechanical Specifications

Mount Type	Solder
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Electrical Specifications

Plug/Socket	Plug, Socket
Pole Format	10 Pin
Voltage	500 V

Approvals

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