

FEATURES

- **12 Pin Configuration:**
Supports multiple connections for versatile applications
- **IP67 Rating:** Offers excellent protection against dust and water ingress
- **Gold-Plated Brass Contacts:** Ensures superior conductivity and corrosion resistance
- **Bayonet Mating Type:**
Allows for quick and secure connections
- **Wide Temperature Range:**
Operates effectively from -20 °C to 70 °C
- **Solder Mount Type:**
Provides a secure and stable connection
- **500 V Voltage Rating:**
Suitable for high-voltage applications

RS PRO SY25 Circular Connector, 12 Pin

RS Stock No: 672-254



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. With a robust construction and a 12-pin configuration, it ensures efficient signal and power transmission. Its bayonet mating type provides quick and easy connections, making it ideal for environments where frequent disconnections are required.

General Specifications

Contact Gender	Female/Male
Contact Material	Brass
Contact Plating	Gold
Mating Type	Bayonet
Number of Contacts	12
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	12 Pin
Voltage	500 V

Approvals

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