

FEATURES

- **Gold-plated contacts:**
Provides superior conductivity and resistance to corrosion
- **IP67 rating:** Offers protection against dust and temporary immersion in water
- **Threaded mating type:**
Ensures a secure and stable connection
- **PA66 housing material:**
Delivers durability and resistance to environmental factors
- **Wide operating temperature range:**
Suitable for use in environments from -25 °C to 80 °C
- **Solder termination:** Allows for a reliable and permanent connection
- **Standard connector size:**
Compatible with a wide range of applications

RS PRO 12 Pin Circular Connector, Male Plug

RS Stock No: 557-145



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

This RS PRO circular connector is designed for reliable and secure electrical connections in industrial environments. With a robust construction and a 12-pin configuration, it is ideal for applications requiring multiple connections in a compact form. The connector's gold-plated brass contacts ensure excellent conductivity and corrosion resistance, making it suitable for demanding conditions.

General Specifications

Contact Gender	Male
Contact Material	Brass
Contact Plating	Gold
Mating Type	Threaded
Number of Contacts	12
Orientation	Straight
Product Type	Circular Connector
Connector Size	Standard
Current	3 A
Housing Material	PA66
Termination Type	Solder

Protection Category

IP Rating	IP67
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Operation Environment Specifications

Maximum Operating Temperature	80 °C
Minimum Operating Temperature	-25 °C

Mechanical Specifications

Mount Type	Cable
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Electrical Specifications

Plug/Socket	Plug
Pole Format	12 Pin
Voltage	60 V ac, 32 V dc

Approvals

Standards/Approvals

ANSI-ESD S20.20:2021, CE, REACH, RoHS

