

## Features

- Push-pull latching system
- Chrome plated Brass
- IP68
- 360° Screening for full EMC shielding

## RS PRO Industrial Circular Connectors

RS Stock No.: 2406504



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

## Product Description

RS PRO's range of waterproof Chrome plated Brass push-pull locking connectors offer exceptional quality that is found in many cutting-edge connectors, including an IP68 rating and full 360° EMC shielding with a high mating life. As has become standard within the RS PRO brand you can expect high quality products but at a reasonable price. These connectors are ideal for use in medical devices, testing equipment, audio equipment and other high-end applications.

## General Specifications

Number of Contacts	6
Housing Material	Chrome Plated Brass
Contact Material	Brass
Contact Plating	Gold
Contact Gender	Female
Mating Type	Cable Mount
Body Orientation	Straight
Contact Carrier	PPS
Mating Cycles	>5,000
Colour	Natural
Application	Instrumentation, Process control, Robotics, Assembly lines and manufacturing, Factory automation, Industrial production and automation, Medical devices

## Electrical Specifications

Plug/Socket	Socket
Current Rating	5.2A
Test Voltage Contact-Shell k/vAC	1.05
Test Voltage Contact - Contact k/v AC	1.20

## Mechanical Specifications

Connector Size	1F
Termination Method	Solder
Mounting Type	Panel Mount
Cable Outer Diameter	4.7

## Operation Environment Specifications

Operating Temperature	-55°C to +250°C
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## Protection Category

IP Rating	IP68
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## Approvals

Compliance/Certifications	RoHS, CE
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FOR MATING PARTS, SEE MATRIX:



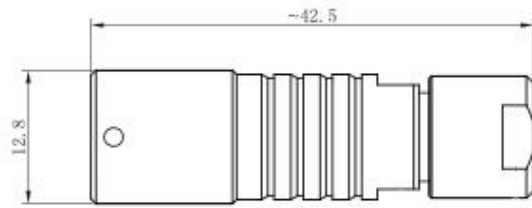
## RM-F Series 1F

Plug Cable End			Mates With	Panel Mount			Or	In-Line Cable End		
RS Stock No.	No. of Contacts	Gender		RS Stock No.	No. of Contacts	Gender		RS Stock No.	No. of Contacts	Gender
2406568	2	Male	"	2406414	2	Female	"	2406499	2	Female
2406569	3	Male	"	2406415	3	Female	"	2406500	3	Female
2406570	4	Male	"	2406417	4	Female	"	2406502	4	Female
2406571	5	Male	"	2406418	5	Female	"	2406503	5	Female
2406572	6	Male	"	2406419	6	Female	"	2406504	6	Female
2406574	7	Male	"	2406420	7	Female	"	2406505	7	Female
2406575	8	Male	"	2406421	8	Female	"	2406506	8	Female
2406576	10	Male	"	2406423	10	Female	"	2406507	10	Female
2406577	12	Male	"	2406424	12	Female	"	2406508	12	Female
2406578	14	Male	"	2406425	14	Female	"	2406509	14	Female
2406579	16	Male	"	2406426	16	Female	"	2406510	16	Female

The RS PRO Seal of Approval is only awarded after a rigorous quality process to demanding international standards.



Your smart choice



CONNECTOR SOLDER CUP VIEW

