

## Features

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

## RS PRO Industrial Circular Connectors

RS Stock No.: 2406496



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	7
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	2A
Test Voltage Contact-Shell k/vAC	0.80
Test Voltage Contact - Contact k/v AC	0.70

## Mechanical Specifications

Connector Size	0F
Termination Method	Solder
Mounting Type	Panel Mount
Cable Outer Diameter	3.6

## Operation Environment Specifications

Operating Temperature	-55°C to +250°C
-----------------------	-----------------

## Protection Category

IP Rating	IP68
-----------	------

## Approvals

Compliance/Certifications	RoHS, CE
---------------------------	----------

FOR MATING PARTS, SEE MATRIX:



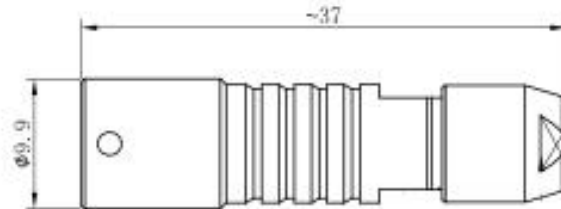
### RM-F Series 0F

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
2406560	2	Male	"	2406407	2	Female	"	2406491	2	Female
2406561	3	Male	"	2406408	3	Female	"	2406492	3	Female
2406562	4	Male	"	2406409	4	Female	"	2406493	4	Female
2406563	5	Male	"	2406410	5	Female	"	2406495	5	Female
2406564	7	Male	"	2406411	7	Female	"	2406496	7	Female
2406565	9	Male	"	2406412	9	Female	"	2406497	9	Female
2406566	Coax	Male	"	2406413	Coax	Female	"	2406498	Coax	Female

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

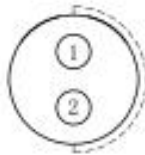


Your smart choice

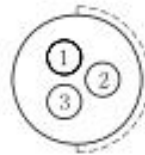


CONNECTOR SOLDER CUP VIEW

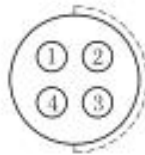
● — RED



2 ( $\phi 0.9$ )



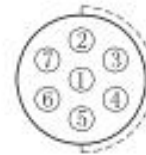
3 ( $\phi 0.9$ )



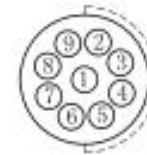
4 ( $\phi 0.7$ )



5 ( $\phi 0.7$ )



7 ( $\phi 0.5$ )



9 ( $\phi 0.5$ )