

**Datasheet**

# RS PRO Free Receptacle Female Solder



RS Pro's range of Chrome plated Brass push-pull locking connectors offer exceptional quality that is found in many cutting-edge connectors, including full 360° EMC shielding and 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 indoor applications.

## Features & Benefits:

- Push-pull latching system
- Chrome plated Brass
- IP50
- 360° Screening for full EMC shielding

Pin Number	Current Rating
2	15A
3	12A
4	10A
5	9A
6	7A
7	7A
8	5A
10	2.5A
14	2A
16	1.5A

## Quality Standards



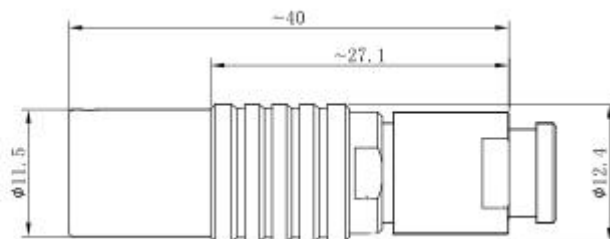
## Technical

Characteristics	Value	Standard
Endurance	>5000cycles	IEC60512-5test9a
Humidity	Up to 95% at 60°C	
Temperature range	-55°C, +250°C	
Resistance to vibration	10-2000Hz,15g	IEC 60512-4 test 6d
Shock resistance	100g, 6ms	IEC 60512-4 test 6c
Salt spray corrosion test	>96hrs	IEC 60512-6 test 11f
Protection index (mated)	IP50	IEC 60529
Climatical category	55/175/21	IEC 60068-1

## Electrical

Characteristics		Value	Standard
Shielding efficiency	at 10MHZ	>75 dB	IEC 60619-1-3
	at 1GHZ	>40 dB	IEC 60619-1-3

# Dimensional line drawings



CONNECTOR SOLDER CUP VIEW

● — RED

