



### **Datasheet**

# RS PRO Free Receptacle Female 2 pin Solder OD 4.2-5.2mm

Stock No: 209-5699



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
- 10A Current Rating

#### **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	

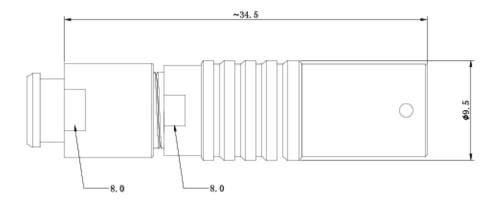
#### **Electrical**

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





# **Dimensional line drawings**



CONNECTOR SOLDER CUP VIEW









4 (\$0.7)









**Quality Standards** 







