

FEATURES

- Provides quick and easy connection and disconnection
- Fully insulated for protection against electrical shock
- Double crimp design with an internal copper sleeve
- Tin plating for resistance to corrosion
- Colour coded insulation for easy identification

RS PRO Red Insulated Spade Connector, 2.8 x 0.5mm Tab Size, 0.5mm² to 1.5mm

RS Stock No.: 459-799



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

From RS PRO a high-quality fully insulated crimp receptacle terminal sometimes known as a female quick disconnect. Female crimp receptacles are a type of electrical wiring connector which, when mated with a male tab connector (or male quick disconnect), provide a fast and reliable interconnect between two wires. The body of the connector is made from tin plated brass and features an additional internal copper sleeve. This copper sleeve strengthens the barrel and provides a robust and secure crimp. The sleeve also protects the wire against stress and high vibration. The main feature of this female receptacle is the insulation which covers the entire length of the connector body. This insulation provides protection against electric shock and acts as a 'mini' enclosure to protect the connection from dirt, grease, liquids and other contaminants when mated.

General Specifications

Insulation	Insulated
Insulation Material	Polycarbonate
Termination Method	Crimp
Contact Plating	Tin
Contact Material	Brass
Colour	Red
Applications	Industrial control systems; Industrial machines; Automotive applications; Communication equipment; Power supplies; HVAC; Domestic appliances including dishwashers, washing machines and dryers
Gender	Female
Shrouded/Unshrouded	Shrouded



Mechanical Specifications

Minimum Wire Size	1.5mm²
Maximum Wire Size	0.5mm²
Tab Size	2.8 x 0.5mm
Minimum Wire Size (AWG)	16AWG
Maximum Wire Size (AWG)	22AWG
Overall Length	19mm

Approvals

Compliance/Certifications	UL Listed
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Conversion table	
M3 / 6 BA	M5/ 2BA
M3.5/ 4BA	M6/ 0BA
M4/ 3BA	

Wire Sizes	
Mini Yellow	0.2 - 0.5 mm²
Red	0.5 - 1.5 mm²
Blue	1.5 - 2.5 mm²
Yellow	2.5 - 6.5 mm²

Technical Specification	
Temperature rating	+70°C
Body Material	Copper
Body Plating	Tin