

FEATURES

- Provides quick and easy connection and disconnection
- 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, 4.8 x 0.5mm Tab Size, 0.5mm² to 1.5mm²

RS Stock No.: 534-389



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 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 receptacle also has a plastic insulation which provides protection against electric shock and offers protection from dirt, grease, liquids and other contaminants. The colour of the insulation matches the wire size that the connector is used with making identification quick and easy.

General Specifications

| | |
|----------------------------|---|
| Insulation | Insulated |
| Insulation Material | Vinyl |
| 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 | 0.5mm ² |
| Maximum Wire Size | 1.5mm ² |
| Tab Size | 4.8mm x 0.5mm |
| Minimum Wire Size (AWG) | 16AWG |
| Maximum Wire Size (AWG) | 22AWG |
| Overall Length | 20.2mm |

| Stock no. | Insulation Colour | Wire Range | | Dimensions | | | | Tab Size | |
|-----------|-------------------|------------|-----------------|------------|----------|------|--------|-----------|---------|
| | | AWG | mm ² | W | D ϕ | L | ℓ | AWG | mm |
| 2082442 | Red | 22-16 | 0.5-1.5 | 4.0 | 4.3 | 19.0 | 9.8 | .110x.020 | 2.8x0.5 |
| 534345 | Red | 22-16 | 0.5-1.5 | 4.0 | 4.3 | 19.0 | 9.8 | .110x.020 | 2.8x0.8 |
| 534389 | Red | 22-16 | 0.5-1.5 | 5.8 | 4.3 | 19.0 | 9.8 | .187x.020 | 4.8x0.5 |
| 534395 | Red | 22-16 | 0.5-1.5 | 5.8 | 4.3 | 19.0 | 9.8 | .187x.020 | 4.8x0.8 |
| 534339 | Red | 22-16 | 0.5-1.5 | 7.6 | 4.3 | 20.5 | 9.8 | .250x.032 | 6.3x0.8 |
| 534733 | Blue | 16-14 | 1.5-2.5 | 5.8 | 4.9 | 19.0 | 9.8 | .187x.020 | 4.8x0.5 |
| 534749 | Blue | 16-14 | 1.5-2.5 | 5.8 | 4.9 | 19.0 | 9.8 | .187x.032 | 4.8x0.8 |
| 534698 | Blue | 16-14 | 1.5-2.5 | 7.6 | 4.9 | 20.5 | 10.0 | .250x.032 | 6.3x0.8 |
| 534531 | Yellow | 12-10 | 2.5-6.0 | 7.6 | 6.6 | 24.6 | 13.7 | .250x.032 | 6.3x0.8 |

