

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.: 534-418



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

Electrical Specifications

Current Rating	10A
Voltage Rating	300V

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	19mm

Operation Environment Specifications

Temperature Rating	75°C
---------------------------	------



Spade Connectors

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

