

Features

- Copper body material for high conductivity
- Tin plating for resistance to corrosion
- Insulation for electrical insulation and terminal protection
- Colour coded insulation for easy identification of terminal wire range
- Molded expanded insulation for wire easy entry
- Double crimp design with an internal copper sleeve
- UL/CUL Recognized

RS PRO Double Crimp Ring Terminals

RS Stock No.: 2707632



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 ring terminal. Ring crimp terminals are used for connecting an electrical cable or wire to a stud or a post on an electrical component such as a battery terminal. This ring terminal is made from highly conductive copper and then tin plated for maximum electrical conductivity and corrosion resistance. Double crimp design with an internal copper sleeve strengthens the barrel and provides a robust and secure crimping. A colour coded nylon insulation provides protection to the terminal and aids quick identification of the terminal's wire range. Once correctly crimped onto a wire or cable this ring terminal will provide a secure and reliable electrical connection.

For a suitable crimping tool for double copper crimp insulated terminals, choose the RS PRO Crimping Tool no. [175-2505](#).

General Specifications

Insulation	Insulated
Insulation Material	Nylon
Colour	Red
Contact Material	Copper
Contact Plating	Tin
Stud Size	#8 (4.3mm)
Double Crimp	With copper sleeve on barrel
Sleeve Plating	Tin
Connector Type	Ring

Electrical Specifications

Maximum Electrical Rating	105°C 600V Max.
Maximum Electrical Current	22AWG: 9A, 20AWG: 12A, 18AWG: 17A, 16 AWG: 18A

Mechanical Specifications

Thickness	0.75 mm
Overall Length	21.8 mm

Double Crimp Ring Terminals



Inner Ring Diameter	4.3 mm
Outer Ring Diameter	8.0 mm
Maximum Wire Size	1.5 mm ²
Minimum Wire Size	0.5 mm ²
Maximum Wire Size (AWG)	16 AWG
Minimum Wire Size (AWG)	22 AWG
Weight	0.804 g

Operation Environment Specifications

Minimum Operating Temperature	-40°C
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Approvals

Compliance/Certifications	CE(RoHS)/REACH/UL/cUL
Declarations	

