FEATURES

- One piece design for economy and durability
- Closed barrel ensures crimp terminal
- Copper body material provides high conductivity and is easy to crimp
- Tin plating on crimp terminal provides resistance to corrosion, added strength
- Funnel shaped internal barrel for easy wire insertion

RS PRO Uninsulated Crimp Ring Terminal, M3 Stud Size, 0.5mm² to 1.5mm² Wire Size

RS Stock No.: 433-034

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 economical crimp ring terminal, also known as a ring connector or cable lug. 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 formed in one piece from a sheet of highly conductive copper and then covered with a tin plating. This manufacturing process produces a closed barrel terminal with a butted seam for a secure fit. Once correctly crimped onto a wire or cable this ring terminal will provide a secure and reliable electrical connection.

General Specifications

Insulation	Uninsulated
Contact Material	Copper
Contact Plating	Tin
Stud Size	M3
Application	Crimp ring wire connectors are used in a wide range of industries for connecting wires to electrical components. Applications include wiring in industrial control systems and industrial machines, automotive applications, communication equipment, power supplies and domestic appliances.

Electrical Specifications

Maximum Electrical Rating	600V max., 400°C

Mechanical Specifications

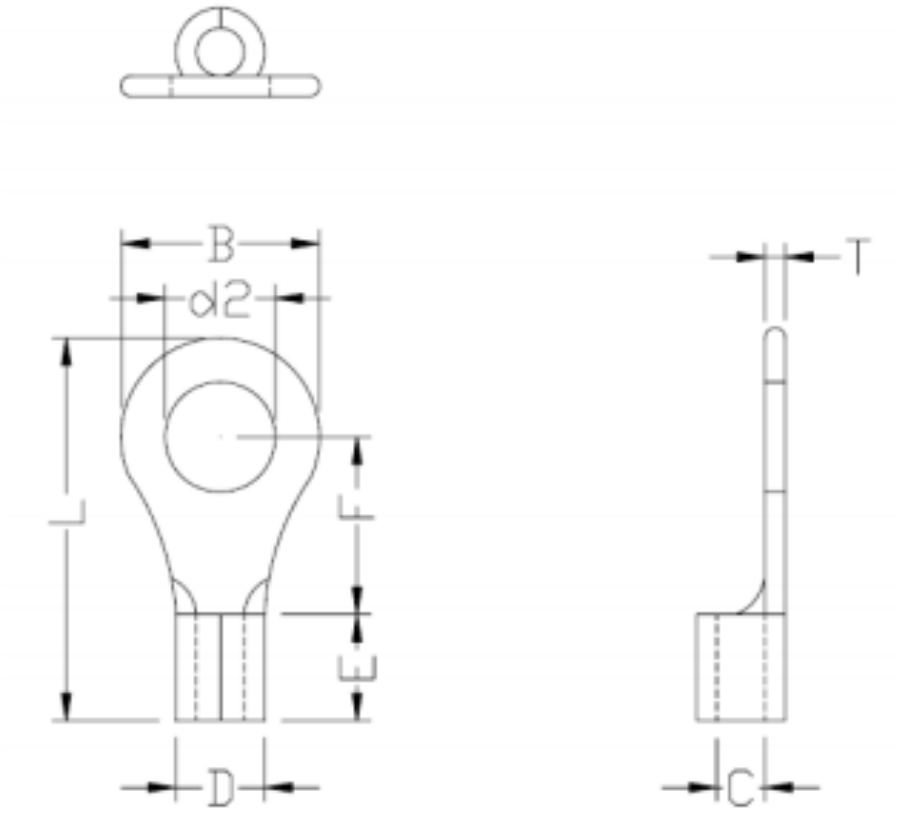
Thickness	0.8mm
Overall Length	12mm
Inner Ring Diameter	3.3mm
Outer Ring Diameter	5.5mm
Maximum Wire Size	1.5mm^2
Minimum Wire Size	0.5mm^2
Maximum Wire Size (AWG)	16AWG
Minimum Wire Size (AWG)	22AWG

Operation Environment Specifications

Maximum Operating Temperature	150°C

Approvals

Compliance/Certifications	2011/65/EU and 2015/863



Dimension B = 5.5mm +- 0.3
Dimension C = 1.8mm +- 0.3
Dimension D = 3.45mm +- 0.3
Dimension d2 = 3.2mm +- 0.15
Dimension E = 5.5mm +- 0.3
Dimension F = 3.5mm +- 0.3
Dimension L = 12.0mm +- 1.0
Dimension T = 0.8mm +- 0.03