

## FEATURES

- Copper body material for high conductivity and easy crimping
- Tin plating for resistance to corrosion
- Added strength and excellent conductivity
- Vinyl insulation for electrical insulation and terminal protection
- Colour coded insulation for easy identification of terminal size
- Expanded insulation entry for easy wire insertion

## RS PRO Insulated Ring Terminal, M3 (#4) Stud Size, 0.5mm<sup>2</sup> to 1.5mm<sup>2</sup> Wire Size, Red

RS Stock No.: 267-3650



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, 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 made from highly conductive copper and has a double crimp design with an internal copper sleeve. This internal copper sleeve strengthens the barrel, provides a robust and secure crimp and protects the wire against stress and high vibration. The ring terminal is then tin plated for maximum electrical conductivity and corrosion resistance.

## General Specifications

<b>Insulation</b>	Insulated
<b>Insulation Material</b>	Nylon
<b>Colour</b>	Red
<b>Contact Material</b>	Copper
<b>Stud Size</b>	M3 (#4)
<b>Double Crimp</b>	With copper sleeve on barrel
<b>Application</b>	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

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

## Mechanical Specifications

<b>Thickness</b>	0.75mm
<b>Overall Length</b>	18.5mm
<b>Inner Ring Diameter</b>	3.2mm
<b>Outer Ring Diameter</b>	5.5mm
<b>Maximum Wire Size</b>	1.5mm <sup>2</sup>
<b>Minimum Wire Size</b>	0.5mm <sup>2</sup>
<b>Maximum Wire Size (AWG)</b>	16AWG
<b>Minimum Wire Size (AWG)</b>	22AWG

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	150°C
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## Approvals

<b>Compliance/Certifications</b>	UL
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**MAXIMUM ELECTRIC CURRENT:**

A.W.G.	22	20	18	16
AMP.	9	12	17	18

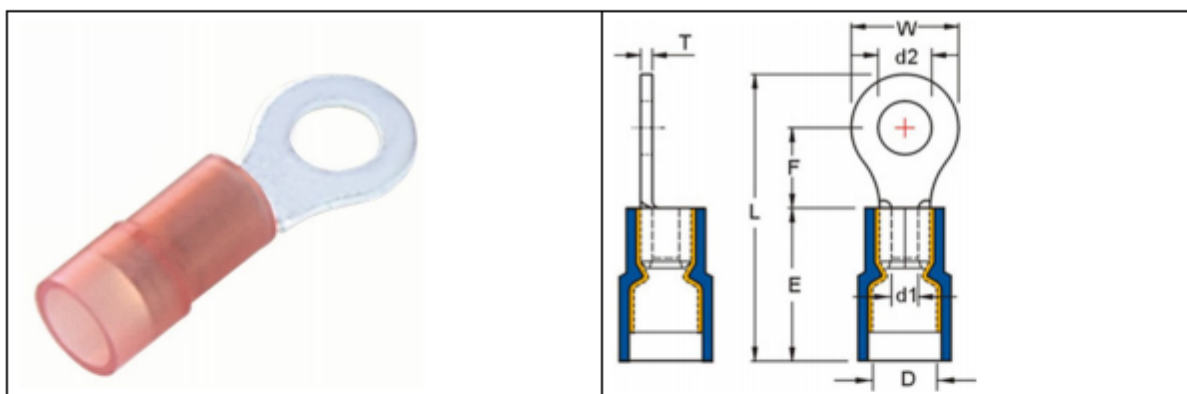
**MAXIMUM ELECTRICAL RATING:** 105° C 600 VOLTS MAX.

**INSULATION MATERIAL:** NYLON

**TERMINAL MATERIAL:** COPPER

**DOUBLE CRIMP:** WITH COPPER SLEEVE ON BARREL

**INSULATION COLOR:** RED



WIRE RANGE A.W.G. mm <sup>2</sup>	ITEM NO.	STUD SIZE		DIMENSION inch(mm)						
		d2	W	F	L	E	D	d1	T	
22-16 A.W.G. 0.5-1.5 mm <sup>2</sup>	267-3650	#4	0.126 3.2	0.217 5.5	0.197 5	0.728 18.5	0.433 11	0.177 4.500	0.067 1.7	0.03 0.75