

## 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, M6 (1/4) Stud Size, 4mm<sup>2</sup> to 6mm<sup>2</sup> Wire Size, Yellow

RS Stock No.: 267-6441



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>Shrouded</b>	Shrouded/Unshrouded
<b>Colour</b>	Yellow
<b>Contact Material</b>	Copper
<b>Stud Size</b>	M6 (1/4)
<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>	12 AWG: 35A, 10 AWG: 105A

## Mechanical Specifications

Thickness	0.8mm
Overall Length	29.5mm
Inner Ring Diameter	6.4mm
Outer Ring Diameter	12mm
Maximum Wire Size	6mm <sup>2</sup>
Minimum Wire Size	4mm <sup>2</sup>
Maximum Wire Size (AWG)	10AWG
Minimum Wire Size (AWG)	12AWG

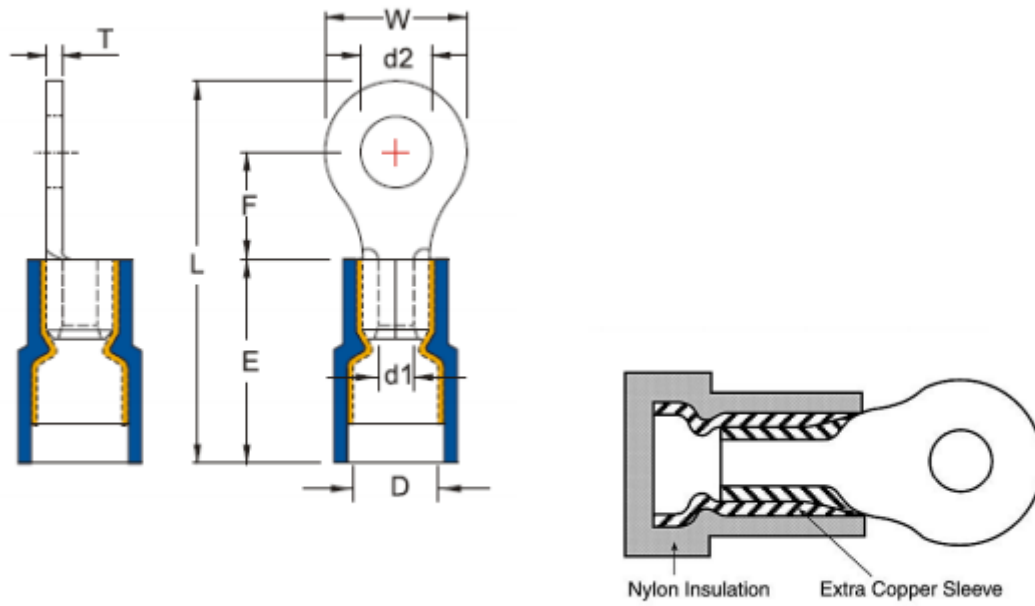
## Operation Environment Specifications

Maximum Operating Temperature	150°C
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## Approvals

Compliance/Certifications	UL
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## Dimensions

Wire Size (mm <sup>2</sup> /AWG)	Stud Size		Dimensions (inch/mm)						
	d2		W	F	L	E	D	d1	T
	Size	(inch/mm)							
4 - 6 mm <sup>2</sup> /12-10 AWG	1/4	.252/6.4	.472/12.0	.413/10.5	1.161/29.5	.512/13.0	.276/7.0	.134/3.4	.039/1.0