

## **FEATURES**

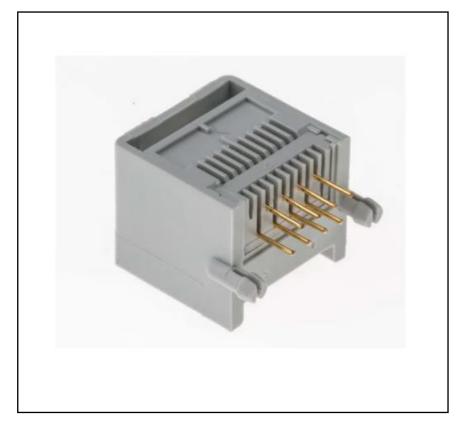
- Suitable for Cat5e Ethernet Applications
- Compatible with cable mount RJ45 plugs

Right Angle Connection

 Gold over nickel contact plating for a reliable connection

# RS PRO, Female Cat5 RJ45 Connector

RS Stock No.: 331-6437



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, this 8-pin RJ45 connector is a low-profile solution to PCB network connections. The connector attaches easily to printed circuit boards via through-hole mounting for an assured data socket connection in device housing or for daisy-chaining modular devices in projects. The receptacle's low-profile design means it is ideal for applications where space saving is a concern.

#### **General Specifications**

Ethernet Connector Type	RJ45Connector
Gender	Female
LAN Category	Cat5
Number of Ways	8
Connector Type	RJ45
Shield Type	Unshielded
Orientation	Right Angle
Contact Material	Phosphor Bronze
Contact Plating	Gold over Nickel
Applications	Modems, PC and Laptop computers, Smart televisions

#### **Electrical Specifications**

Contact Resistance	30 mΩ
Insulator Resistance	500ΜΩ
Current rating	1.5A
Dielectric Withstanding Voltage	1000VAC.RMS,60Hz,1minute
Voltage rating	125V



### **Mechanical Specifications**

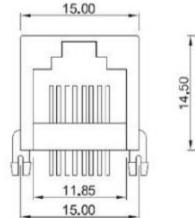
Mounting Type	PCB Mount
Length	14.5mm
Width	15mm
Depth	13mm
Durability	750 Mating cycles minute
Plug Retained Force	11kg max.

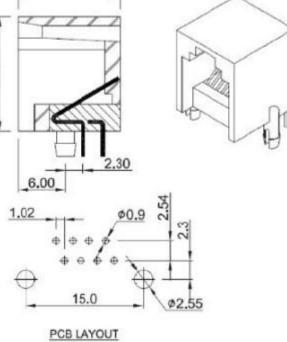
Operation Environment Specifications	
Operating Temperature	-40 to 125°C

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## Approvals

ROHS Certificate Of Compliance





## **Ethernet Connectors**





