

## FEATURES

- 9 brass contacts coated in gold
- Male gender
- Right angle orientation
- 4-40 UNC (Unified Coarse Thread) inserts for mounting
- 5A current rating
- 350V voltage rating
- PET material
- 2.77mm pitch
- Measures 30.81 mm x 18.4 mm x 12.5 mm
- Minimum operating temperature of -55°C
- Maximum operating temperature of +105°C

# RS PRO 9 Way Right Angle Through Hole D-sub Connector Plug, 2.77mm Pitch, with 4-40 UNC, Threaded Insert

RS Stock No.: 239-5849



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

This RS PRO through hole D-Sub connector plug is used to link electrical connections on circuit boards. It has a right-angle design with a solder bucket connection.

This female plug has nine brass contacts that are plated in gold to reliably conduct your signal. A steel shell is tin-plated and housed in PET (polyethylene terephthalate) to shield your connection from external electrical interference. This D-Sub connector plug has a 5 A current rating and a 350 V working voltage and can handle a contact resistance up to 30 mΩ. It can be mounted and kept in place through its 4-40 UNC (unified coarse thread) inserts.

## General Specifications

<b>Number Of Contacts</b>	9
<b>Gender</b>	Male
<b>Body Orientation</b>	Right Angle
<b>Mounting Type</b>	Through Hole
<b>Mounting Hardware</b>	4-40 UNC, Threaded Insert
<b>Termination Method</b>	Solder
<b>Housing Material</b>	PET
<b>Contact Material</b>	Brass
<b>Contact Plating</b>	Gold
<b>Durability</b>	100 Mating Cycles (Min.)
<b>Number Of Positions</b>	9
<b>Number Of Rows</b>	2
<b>Applications</b>	Networking and communications equipment

## Electrical Specifications

<b>Current Rating</b>	5.0A
<b>Voltage Rating</b>	350.0VAC/DC Peak
<b>Contact Resistance</b>	30mΩ Max.
<b>Insulation Resistance</b>	10 <sup>5</sup> mΩ Min.
<b>Dielectric Withstand Voltage</b>	1000V for 1 minutes

## Mechanical Specifications

<b>Dimensions</b>	30.81mm x 18.4mm x 12.5mm
<b>Pitch</b>	2.77mm
<b>Length</b>	30.81mm
<b>Width</b>	18.4mm
<b>Depth</b>	12.5mm
<b>Shell</b>	Steel Tin Plated
<b>Gold Thickness</b>	Exceeding 1micro inch, not over 3 micron inch

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	105°C
<b>Minimum Operating Temperature</b>	-55°C

## Protection Category

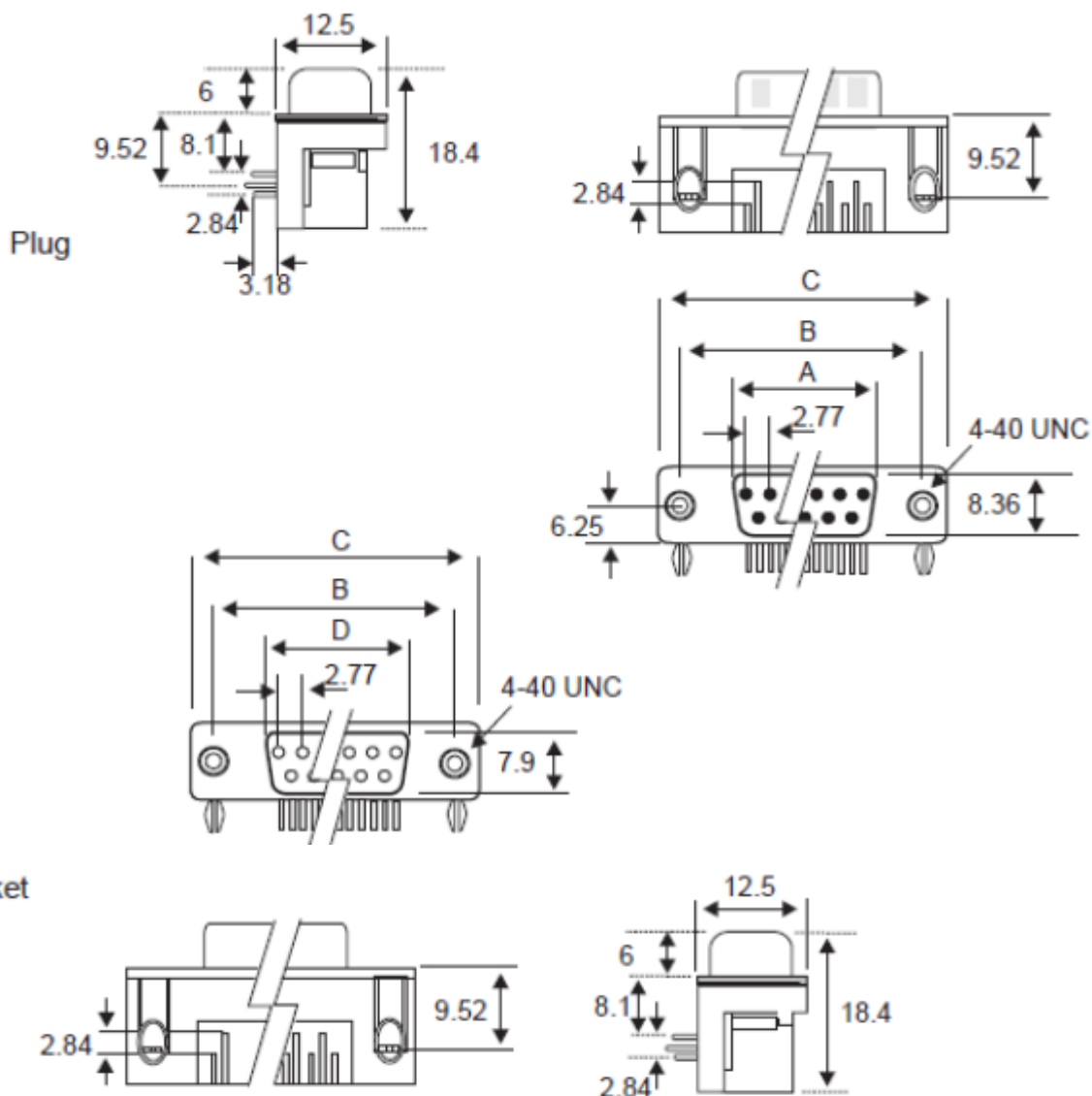
<b>Material Flammability Rating</b>	UL94 V-0
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## Approvals

<b>Compliance/Certifications</b>	RoHS Compliant
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**Drawings (mm):**



Position	A	B	C	D
9	16.92	24.99	30.81	16.33
15	25.25	33.32	39.14	24.66
25	38.96	47.04	53.04	38.38
37	55.42	63.50	69.32	54.84