

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 Socket, 2.77mm Pitch, with 4-40 UNC, Threaded Insert

RS Stock No.: 239-5855



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 female through-hole D-Sub connector plug with a solder bucket connection is commonly used in industrial and military applications. Its IDC (insulation displacement contact) type makes it suitable for making connections to ribbon or insulated cables.

Its robust steel shell is not only plated with tin but also housed in PET (polyethylene terephthalate). This allows connections to be sustained reliably without any electrical interference from external signals. The nine brass contacts on the female plug are gold-plated, which also ensures signals can be conducted steadily.

General Specifications

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

Electrical Specifications

Current Rating	5.0A
Voltage Rating	350.0VAC/DC Peak
Contact Resistance	30mO Max.
Insulation Resistance	10 ⁶ mO Min.
Dielectric Withstand Voltage	1000V for 1 minutes

Mechanical Specifications

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

Operation Environment Specifications

Maximum Operating Temperature	105°C
Minimum Operating Temperature	-55°C

Protection Category

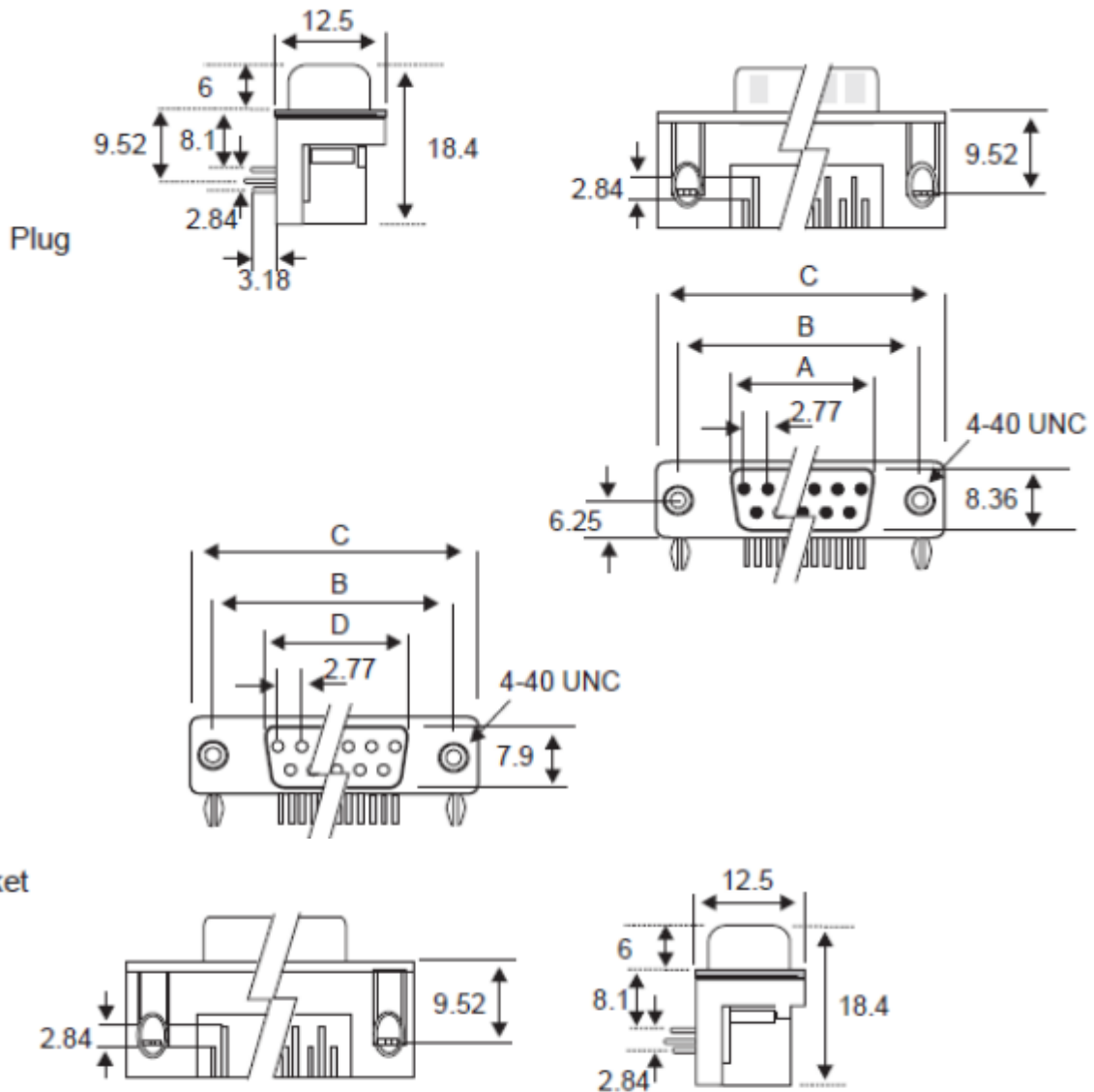
Material Flammability Rating	UL94 V-0
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Approvals

Compliance/Certifications	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