

## FEATURES

- High performance design
- Performance Level 3
- RS232 standard interface
- Robust zinc plated steel shell
- Machined contacts
- UL 94V-0 insulator
- Flanges containing 3.05 mm mounting holes for screw mounting to a panel
- Solder cups for simple wire termination

## RS PRO 9 Way Panel Mount D-sub Connector Socket, 2.74mm Pitch

RS Stock No.: 473-896



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-performance D-Subminiature connector with a robust zinc plated steel shell and solder cup terminations that allow the easy connection of wires. These D-sub connectors have an RS232 standard interface and conform to BS9523 F0010 and F0018. The pins of this subminiature connector are machined to a high quality and feature flanges with pre-drilled 3.05mm diameter holes on either side for easy panel mounting. These d-sub connectors are ideal for use in for I/O (input/output) interconnections in a wide range of industrial and commercial applications.

### General Specifications

<b>Number Of Contacts</b>	9
<b>Gender</b>	Female
<b>Body Orientation</b>	Straight
<b>Mounting Type</b>	Panel Mount
<b>D Connector</b>	Standard D-Sub
<b>D-Sub Shell Size</b>	E
<b>Termination Method</b>	Solder
<b>Housing Material</b>	Steel
<b>Dimensions</b>	30.81mm x 12.55mm x 14.85mm
<b>Contact Material</b>	Copper Alloy
<b>Contact Plating</b>	Gold Flash
<b>Application</b>	Computers, monitors and scanners, Networking and communications equipment; Data processing equipment, Industrial equipment, Test and measurement instrumentation, Remote Sensors and data loggers, Portable electric generation equipment
<b>Performance Level</b>	1; 2 or 3
<b>Material Flammability Rating</b>	UL94 V-0

**Electrical Specifications**

<b>Current Rating</b>	5.0A
<b>Voltage Rating</b>	750V
<b>Contact Resistance</b>	$5 \times 10^3 \text{ohms}$
<b>Insulation Resistance</b>	$< 5 \times 10^9 \text{ohms}$

**Mechanical Specifications**

<b>Pitch</b>	2.74mm
<b>Length</b>	30.81mm
<b>Width</b>	12.55mm
<b>Depth</b>	14.85mm

**Operation Environment Specifications**

<b>Maximum Operating Temperature</b>	+125°C
<b>Minimum Operating Temperature</b>	-65°C

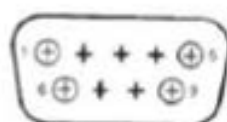
**Approvals**

<b>Compliance/Certifications</b>	BS9523 F0010 and F0018, MIL-C-24308, BS9523 F0018 and DIN 41652
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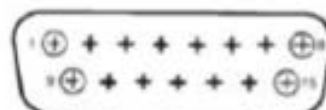




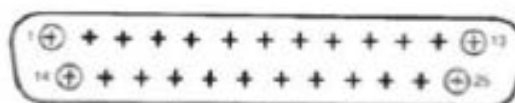
**Standard Density Plug Inserts**



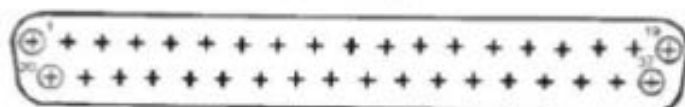
Shell Size E  
(9 Position)



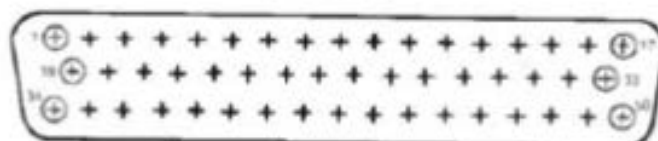
Shell Size A  
(15 Position)



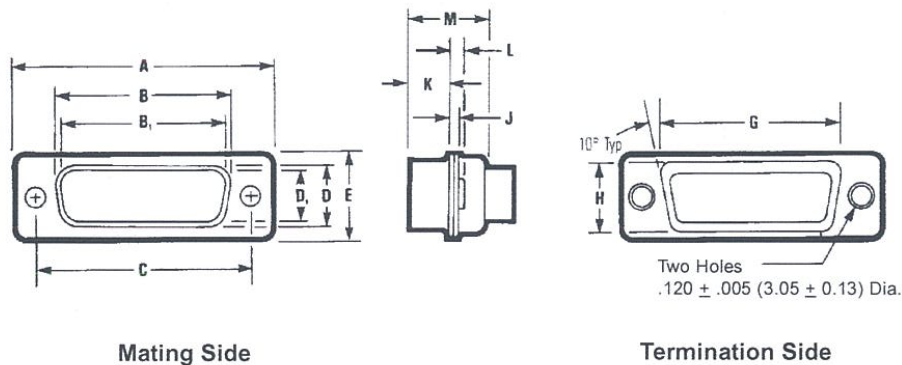
Shell Size B  
(25 Position)



Shell Size C  
(37 Position)



Shell Size D  
(50 Position)



Mating Side

Termination Side

Shell Size	Positions	Connector Type	A ±.015" (0.38mm)		B ±.010" (0.25mm)		B <sub>1</sub> ±.005" (0.13 mm)		C ±.005" (0.13mm)		D ±.010" (0.25mm)		D <sub>1</sub> ±.010" (0.25mm)		E ±.010" (0.25mm)	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
E	9	Plug	1.213	30.81	--	--	.666	16.90	0.984	24.99	--	--	.329	8.40	.494	12.55
		Socket	1.213	30.81	.640	16.26	--	--	0.984	24.99	.308	7.82	--	--	.494	12.55
A	15	Plug	1.541	39.14	--	--	.994	25.30	1.312	33.32	--	--	.329	8.40	.494	12.55
		Socket	1.541	39.14	.968	24.59	--	--	1.312	33.32	.308	7.82	--	--	.494	12.55
B	25	Plug	2.088	53.04	--	--	1.534	39.00	1.852	47.04	--	--	.329	8.40	.494	12.55
		Socket	2.088	53.04	1.508	38.30	--	--	1.852	47.04	.308	7.82	--	--	.494	12.55
C	37	Plug	2.729	69.32	--	--	2.182	55.40	2.500	63.50	--	--	.329	8.40	.494	12.55
		Socket	2.729	69.32	2.156	54.76	--	--	2.500	63.50	.308	7.82	--	--	.494	12.55
D	50	Plug	2.635	66.93	--	--	2.079	52.80	2.406	61.11	--	--	.436	11.07	.605	15.37
		Socket	2.635	66.93	2.062	52.34	--	--	2.406	61.11	.420	10.67	--	--	.605	15.37

Shell Size	Positions	Connector Type	G ±.010" (0.25mm)		H ±.010" (0.25mm)		J ±.010" (0.25 mm)		K ±.005" (0.25mm)		L ±.010" (0.25mm)		M ±.010" (0.25mm)	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
E	9	Plug	.759	19.28	.422	10.72	.030	0.76	.236	5.99	.045	1.14	.422	10.72
		Socket	.759	19.28	.422	10.72	.030	0.76	.243	6.17	.045	1.14	.429	10.92
A	15	Plug	1.083	27.51	.422	10.72	.030	0.76	.236	5.99	.045	1.14	.422	10.72
		Socket	1.083	27.51	.422	10.72	.030	0.76	.253	6.17	.045	1.14	.429	10.92
B	25	Plug	1.625	41.27	.422	10.72	.039	0.99	.231	5.87	.060	1.52	.426	10.82
		Socket	1.625	41.27	.422	10.72	.030	0.76	.243	6.17	.045	1.14	.429	10.92
C	37	Plug	2.272	57.71	.422	10.72	.039	0.99	.231	5.87	.060	1.52	.426	10.82
		Socket	2.272	57.71	.422	10.72	.030	0.76	.243	6.17	.045	1.14	.429	10.92
D	50	Plug	2.178	55.32	.534	13.56	.039	0.99	.231	5.87	.060	1.52	.426	10.82
		Socket	2.178	55.32	.534	13.56	.030	0.76	.243	6.17	.045	1.14	.429	10.92

B and D are outside dimensions for socket. D and B are inside dimensions for plug.