

# Right Angle PCB Mount D-Sub Connectors 5504F1 Series

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## Specifications:

### Material:

Insulator	: Glass-filled Thermoplastic
Colour of Insulator	: Black
Contact	: Pin – Brass Socket – Phosphor Bronze
Contact Finish	: Mating Area – Selective Gold Plated Over 50µ" min. Nickel Termination Area – 100µ" min. Tin/Lead Plated over 50µ" min. Nickel
Metal Shell	: Carbon Steel
Shell Finish	: 50µ" min. Nickel Plated with Plated with Yellow Zinc Chromate Coating, Or 100µ" min. Tin/Lead Plated Over 50µ" min. Nickel, Or 100µ" min. Nickel Plated
Boardlock	: Phosphor Bronze, 100µ" min. Tin/Lead Plated
Clinch Nut	: Brass, 100µ" min. Nickel Plated
Screwlock	: Brass, 100µ" min. Nickel Plated

### Electrical:

Contact Resistance	: 20mΩ max. At 1A DC
Insulation Resistance	: 1,000MΩ at 500V DC
Dielectric withstanding Voltage	: 1,000V AC/RMS 60Hz for one minute
Current Rating	: 5A per Contact
Voltage Rating	: 250V AC/RMS 60Hz

### Mechanical:

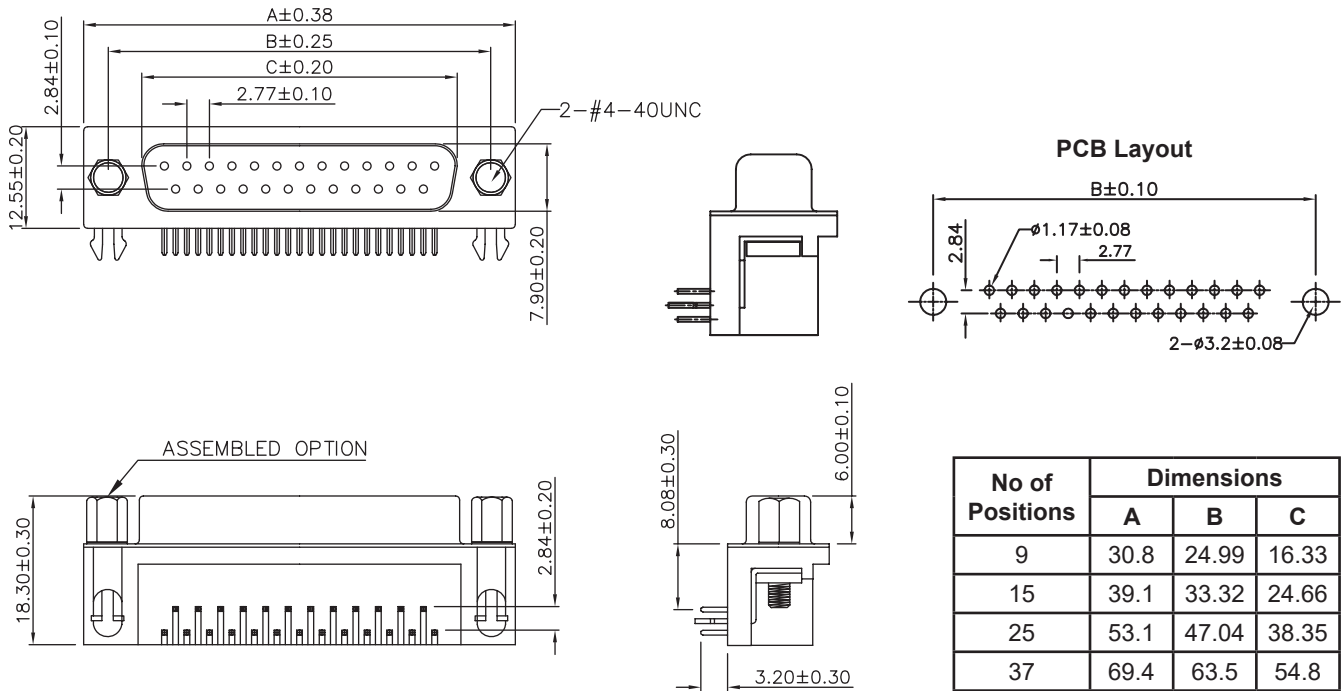
Single Contact Insertion Force	: 540 Grams Max.
Single Contact withdrawal Force	: 60 Grams Min.
Durability	: 125 Cycles at 15µ" Gold Plated 250 Cycles at 30µ" Gold Plated

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## Diagram



No of Positions	Dimensions		
	A	B	C
9	30.8	24.99	16.33
15	39.1	33.32	24.66
25	53.1	47.04	38.35
37	69.4	63.5	54.8

## Part Number Table

Description	No of Positions	Part Number
PCB Mount D-Sub Connectors, Socket	9	5504F1-09S-02-03-F1
	15	5504F1-15S-02-03-F1
	25	5504F1-25S-02-03-F1
	37	5504F1-37S-02-03-F1

Dimensions : Millimetres

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