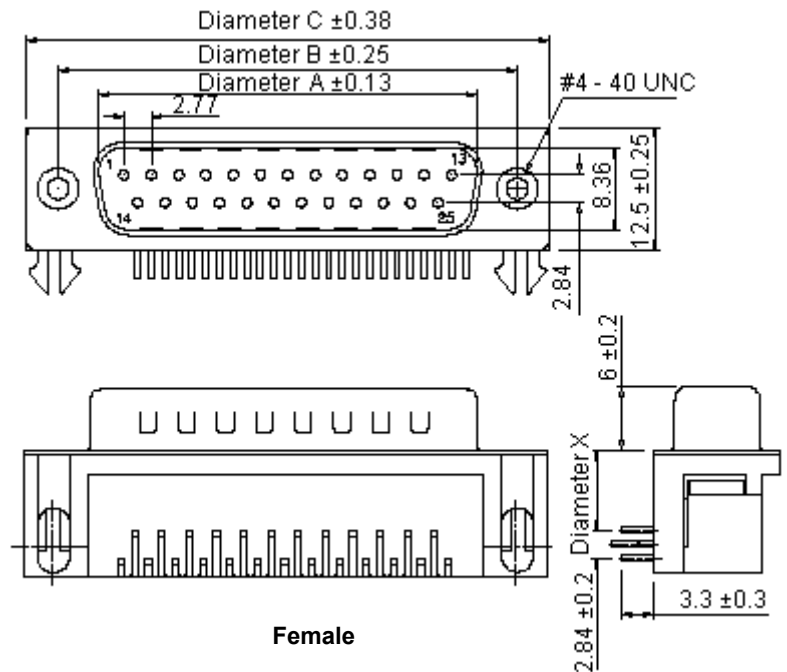
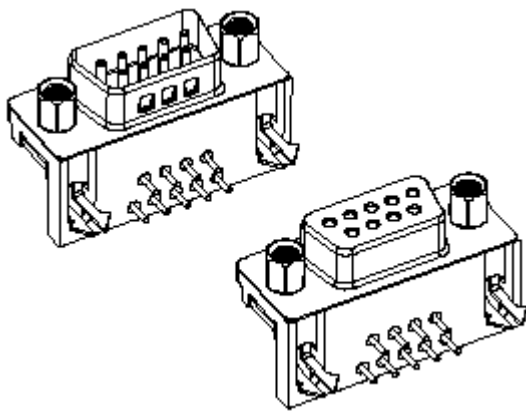


Plugs and Sockets

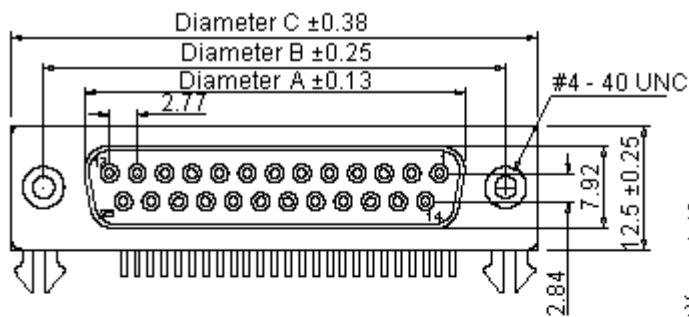
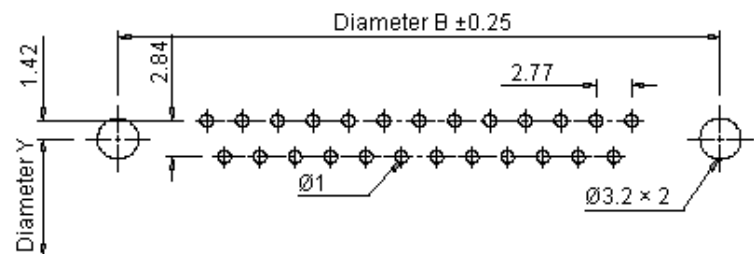
5504 Series



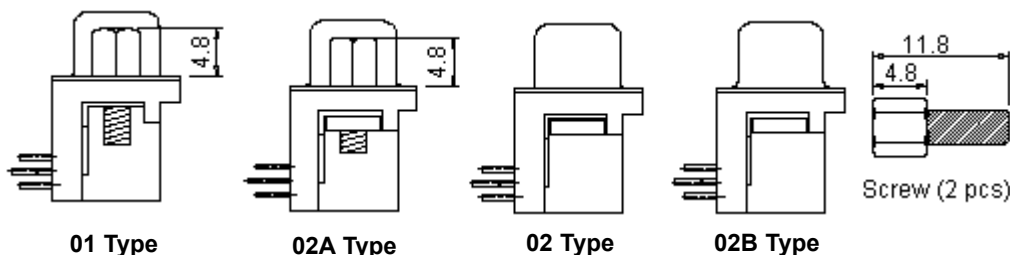
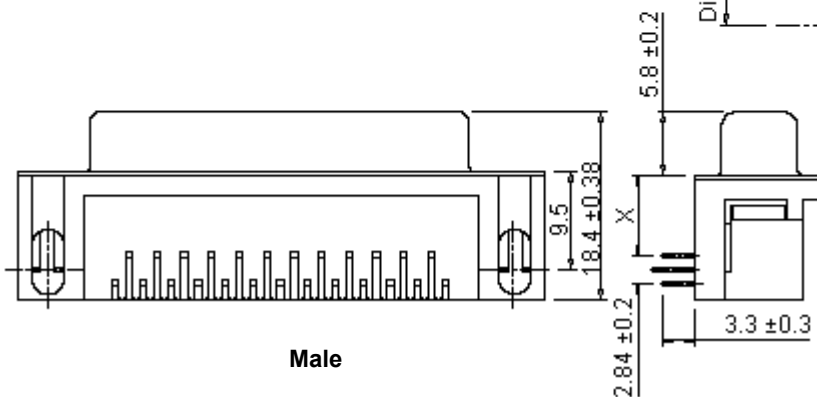
Standard Black Colour



Recommended PCB Layout



Male



Dimensions : Millimetres

Plugs and Sockets

5504 Series

Specifications:

Current Rating	: 3 A ac / dc
Voltage Rating	: 250 V ac / dc
Maximum Contact Resistance	: 30 mΩ
Minimum Insulation Resistance	: 5,000 MΩ
Withstanding Voltage	: 1,000 V ac for one minute
Operating Temperature Range	: -40°C to +85°C

Material and Finish

Insulator	: High temperature plastic (UL94V-0)
Contact	: Copper alloy nickel undercoated, selective gold plated
Finish	: Metal iron with tin plated

Engineering Dimension

Male

Circuits	A	B	C
9	16.92	24.99	30.81
15	25.25	33.32	39.14
25	38.96	47.04	53.04
37	55.42	63.5	69.32

Female

Circuits	A	B	C
9	16.33	24.99	30.81
15	24.66	33.32	39.14
25	38.38	47.04	53.04
37	54.83	63.5	69.32

	X	Y
F1	8.08	9.5

Part Number Table

Description	Part Number
Plug, D, PCB, R/A, 9 Way	5504F1-09P-02-03-F1
Plug, D, PCB, R/A, 15 Way	5504F1-15P-02-03-F1
Plug, D, PCB, R/A, 25 Way	5504F1-25P-02-03-F1
Plug, D, PCB, R/A, 37 Way	5504F1-37P-02-03-F1
Socket, D, PCB, R/A, 9 Way	5504F1-09S-02-03-F1
Socket, D, PCB, R/A, 15 Way	5504F1-15S-02-03-F1
Socket, D, PCB, R/A, 25 Way	5504F1-25S-02-03-F1
Socket, D, PCB, R/A, 37 Way	5504F1-37S-02-03-F1

Part Number Explanation:

5504F1

1

09

2

P

3

02

4

03

5

- 1 : Footprint, F1 = 8.08 mm
- 2 : Number of Contacts
- 3 : P = Male, S = Female
- 4 : 02 = Rivet W / Board Lock
- 5 : 03 = High Quality Selective Gold

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