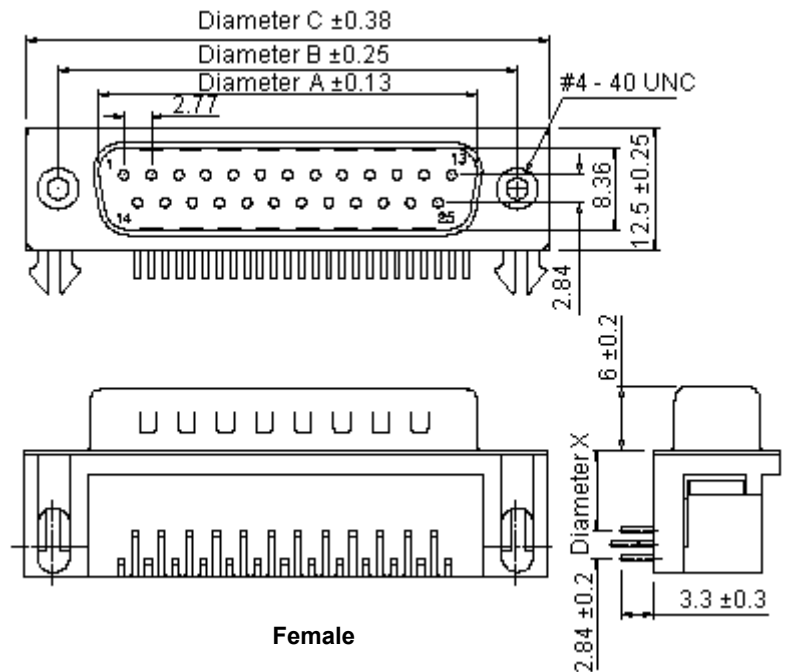
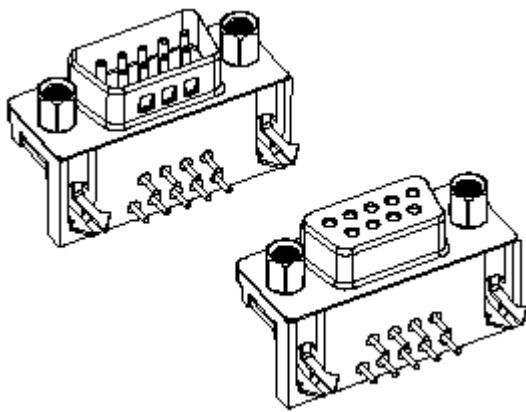


Plugs and Sockets

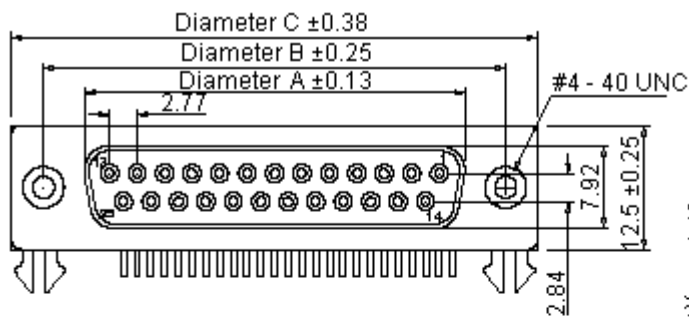
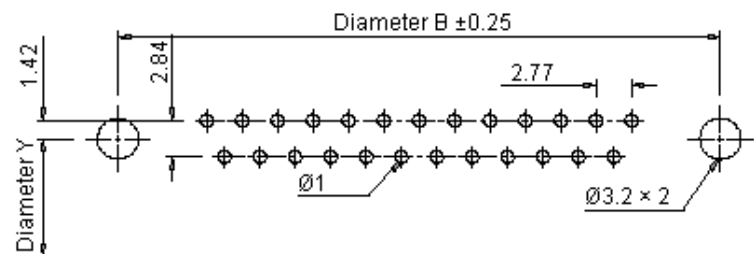
5504 Series



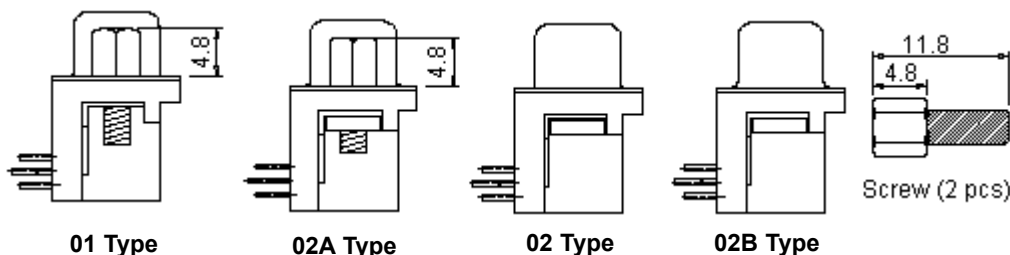
Standard Black Colour



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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.