

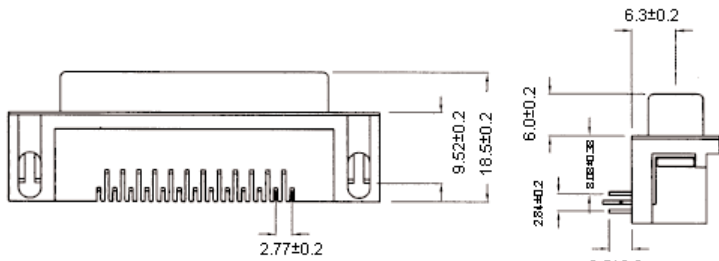
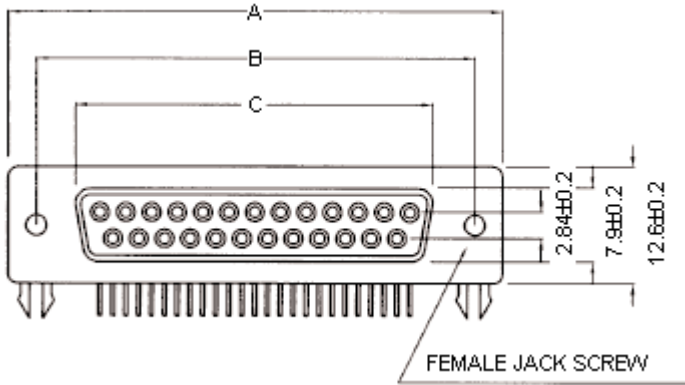


PART NO.

5504F1 Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Sahana	31/5/05	shashi	31/5/05	NK	14/6/05



Specifications:

Material:

- Insulator : Glass - Filled Thermoplastic.
- Colour of Insulator : Black.
- Contact : Brass Selective Gold Plated.
- Contact Finish : Mating Area - Selective Gold Plated over 50 MicrolInches Minimum Nickel.  
Termination Area - 100 MicrolInches Minimum Tin/Lead Plated over 50 MicrolInches Minimum Nickel.
- Metal Shell : Carbon Steel.
- Shell Finish : 50 MicrolInches Minimum Nickel Plated with Yellow Zinc Chromate Coating,  
or 100 MicrolInches Minimum Tin/Lead Plated over 50 MicrolInches Minimum Nickel,  
or 100 MicrolInches Minimum Nickel Plated.
- Boardlock : Phosphor Bronze, 100 MicrolInches Minimum Tin/Lead Plated.
- Clinch Nut : Brass, 100 MicrolInches Minimum Nickel Plated.

Electrical:

- Contact Resistance : 20mΩ Maximum at 1A DC.
- Insulation Resistance : 1000MΩ Minimum at 500V dc.
- Current Rating : 5A per Contact.
- Dielectric Withstanding Voltage : 1000V ac/RMS 60Hz for 1 minute.
- Operating Temperature : -55°C to +105°C.
- Voltage Rating : 250V ac/RMS 60Hz.

Mechanical:

- Single Contact Insertion Force : 540 Grams Maximum.
- Single Contact Withdrawal Force : 60 Grams Minimum.
- Durability : 125 Cycles at 15 MicrolInches Gold Plated.  
250 Cycles at 30 MicrolInches Gold Plated.

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (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 2004.

TOLERANCES:

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
Sahana	31/05/05
CHECKED BY:	DATE:
shashi	31/05/05
APPROVED BY:	DATE:
NK	14/06/05

DRAWING TITLE:

D-Sub Right Angle - Connectors

SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M100000021	33068_DWG	
SCALE: NTS	U.O.M.: mm	SHEET: 1 OF 3	



PART NO.

**5504F1 Series**

**REVISIONS**

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Sahana	31/5/05	shashi	31/5/05	NK	14/6/05

**Specification Table**

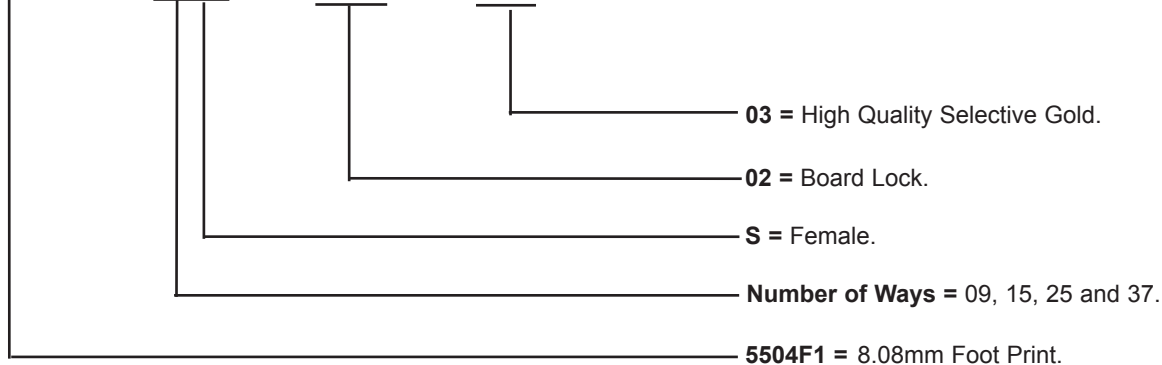
Number of Ways	Dimensions			Type	Part Number
	A	B	C		
9	30.8	24.99	16.26	Socket	5504F1-09S-02-03
15	39.1	33.32	24.59		5504F1-15S-02-03
25	53.0	47.04	38.30		5504F1-25S-02-03
37	69.3	63.5	54.76		5504F1-37S-02-03

Order Multiple = 10

Dimensions : Millimetres

**Part Number Explanation:**

**5504F1 - 09S - 02 - 03**



This data sheet and its contents (the "Information") belong to the Premier Farnell Group (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 2004.

**TOLERANCES:  
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.**

<b>DRAWN BY:</b>	<b>DATE:</b>
Sahana	31/05/05
<b>CHECKED BY:</b>	<b>DATE:</b>
shashi	31/05/05
<b>APPROVED BY:</b>	<b>DATE:</b>
NK	14/06/05

<b>DRAWING TITLE:</b>			
<b>D-Sub Right Angle - Connectors</b>			
<b>SIZE</b>	<b>DWG NO.</b>	<b>ELECTRONIC FILE</b>	<b>REV</b>
A	M100000021	33068_DWG	
<b>SCALE: NTS</b>		<b>U.O.M.: mm</b>	<b>SHEET: 2 OF 3</b>



PART NO.

5504F1 Series

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Sahana	31/5/05	shashi	31/5/05	NK	14/6/05

Notes:

International Sales Offices:

- AUSTRALIA** – Farnell InOne  
Tel No: ++ 61 2 9645 8888  
Fax No: ++ 61 2 9644 7898
- AUSTRIA** – Farnell InOne  
Tel No: ++ 43 662 2180 680  
Fax No: ++ 43 662 2180 670
- BELGIUM** – Farnell InOne  
Tel No: ++ 32 3 475 2810  
Fax No: ++ 32 3 227 3648
- BRAZIL** – Farnell-Newark InOne  
Tel No: ++ 55 11 4066 9400  
Fax No: ++ 55 11 4066 9410
- CHINA** – Farnell-Newark InOne  
Tel No: ++86 10 6238 5152  
Fax No: ++86 10 6238 5022
- DENMARK** – Farnell InOne  
Tel No: ++ 45 44 53 66 44  
Fax No: ++ 45 44 53 66 06
- ESTONIA** – Farnell InOne  
Tel No: ++ 358 9 560 7780  
Fax No: ++ 358 9 345 5411
- FINLAND** – Farnell InOne  
Tel No: ++ 358 9 560 7780  
Fax No: ++ 358 9 345 5411
- FRANCE** – Farnell InOne  
Tel No: ++ 33 474 68 99 99  
Fax No: ++ 33 474 68 99 90
- GERMANY** – Farnell InOne  
Tel No: ++ 49 89 61 39 39 39  
Fax No: ++ 49 89 613 59 01
- HONG KONG** – Farnell-Newark InOne  
Tel No: ++ 852 2268 9888  
Fax No: ++ 852 2268 9899
- IRELAND** – Farnell InOne  
Tel No: ++ 353 1 830 9277  
Fax No: ++ 353 1 830 9016
- ITALY** – Farnell InOne  
Tel No: ++ 39 02 93 995 200  
Fax No: ++ 39 02 93 995 300
- MALAYSIA** – Farnell-Newark InOne  
Tel No: ++ 60 3 7873 8000  
Fax No: ++ 60 3 7873 7000
- NETHERLANDS** – Farnell InOne  
Tel No: ++ 31 30 241 7373  
Fax No: ++ 31 30 241 7333
- NORWAY** – Farnell InOne  
Tel No: ++ 45 44 53 66 66  
Fax No: ++ 45 44 53 66 02
- PORTUGAL** – Farnell InOne  
Tel No: ++ 34 93 475 8804  
Fax No: ++ 34 93 474 5288
- SINGAPORE** – Farnell-Newark InOne  
Tel No: ++ 65 6788 0200  
Fax No: ++ 65 6788 0300
- SPAIN** – Farnell InOne  
Tel No: ++ 34 93 475 8805  
Fax No: ++ 34 93 474 5107
- SWEDEN** – Farnell InOne  
Tel No: ++ 46 8 730 50 00  
Fax No: ++ 46 8 83 52 62
- SWITZERLAND** – Farnell InOne  
Tel No: ++ 41 1 204 64 64  
Fax No: ++ 41 1 204 64 54
- UK** – Farnell InOne  
Tel No: ++ 44 8701 200 200  
Fax No: ++ 44 8701 200 201
- UK – BuckHickman InOne**  
++ 44 8450 510 150  
++ 44 8450 510 130
- UK – CPC**  
++ 44 8701 202 530  
++ 44 8701 202 531

**export** EXPORT – Farnell InOne  
Tel No: ++ 44 8701 200 208  
Fax No: ++ 44 8701 200 209  
For enquiries from all other markets

- <http://www.farnellinone.com>
- <http://www.buckhickmaninone.com>
- <http://www.cpc.co.uk>

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (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 2004.

**TOLERANCES:**  
**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.**

<b>DRAWN BY:</b>	<b>DATE:</b>
Sahana	31/05/05
<b>CHECKED BY:</b>	<b>DATE:</b>
shashi	31/05/05
<b>APPROVED BY:</b>	<b>DATE:</b>
NK	14/06/05

<b>DRAWING TITLE:</b>			
<b>D-Sub Right Angle</b>			
<b>SIZE</b>	<b>DWG NO.</b>	<b>ELECTRONIC FILE</b>	<b>REV</b>
<b>A</b>	<b>M100000021</b>	<b>33068_DWG</b>	
<b>SCALE: NTS</b>		<b>U.O.M.: mm</b>	<b>SHEET: 3 OF 3</b>