

## Specifications

|                        |                 |
|------------------------|-----------------|
| Insulation Resistance: | 5,000MΩ min.    |
| Withstanding Voltage:  | 1,000V AC       |
| Contact Resistance:    | 10mΩ max.       |
| Current Rating:        | 5A              |
| Operating Temp. Range: | -55°C to +105°C |
| Soldering Temp.:       | 230°C / 3 sec.  |

## Materials and Finish

|            |                                                         |
|------------|---------------------------------------------------------|
| Insulator: | Polyester Resin<br>and Glass Fiber reinforced (UL94V-0) |
| Contacts:  | Copper Alloy                                            |
| Plating:   | Gold over Nickel                                        |

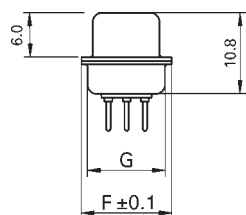
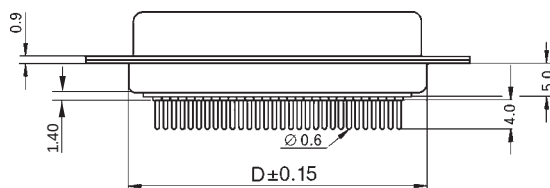
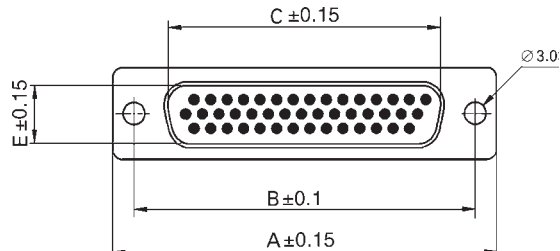


## Features

- ⇒ Stamped contacts
- ⇒ Full gold plating
- ⇒ Alternative:  
Selective gold plating



## Outline Connector Dimensions

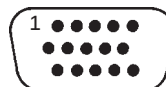


## Part Numbers (please note)

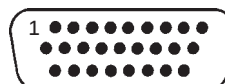
CT\*\*-\*\*P1 (Au-plated)

CT\*\*-\*\*P1-K45 (selective Au)

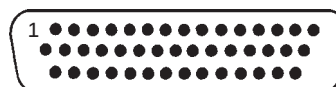
15 Contacts Part No. CT09-15P1 (-K45)



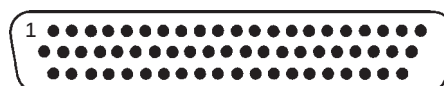
26 Contacts Part No. CT15-26P1 (-K45)



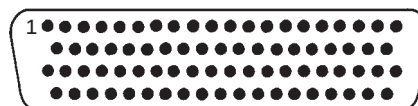
44 Contacts Part No. CT25-44P1 (-K45)



62 Contacts Part No. CT37-62P1 (-K45)



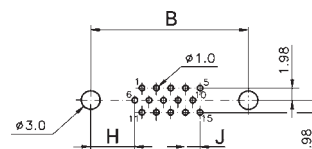
78 Contacts Part No. CT50-78P1 (-K45)



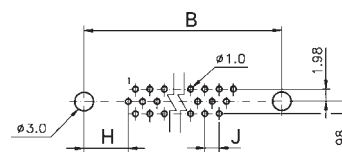
## Recommended PCB Layouts

For 15 contacts

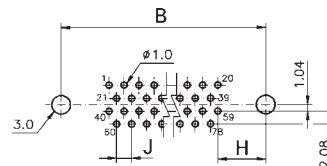
Top View



For 26, 44 and 62 contacts



For 78 contacts



| Part Number | No. of Contacts | A     | B     | C     | D     | E     | F     | G     | H    | J    |
|-------------|-----------------|-------|-------|-------|-------|-------|-------|-------|------|------|
| CT09-15P1-* | 15              | 30.80 | 25.00 | 16.90 | 19.20 | 8.30  | 12.50 | 10.70 | 7.10 | 2.29 |
| CT15-26P1-* | 26              | 39.20 | 33.30 | 25.25 | 27.70 | 8.30  | 12.50 | 10.70 | 6.80 | 2.29 |
| CT25-44P1-* | 44              | 53.05 | 47.05 | 38.95 | 41.10 | 8.30  | 12.50 | 10.70 | 7.00 | 2.29 |
| CT37-62P1-* | 62              | 69.40 | 63.50 | 55.40 | 57.30 | 8.30  | 12.50 | 10.70 | 7.00 | 2.42 |
| CT50-78P1-* | 78              | 67.00 | 61.00 | 52.80 | 55.10 | 11.30 | 15.30 | 13.60 | 7.60 | 2.42 |

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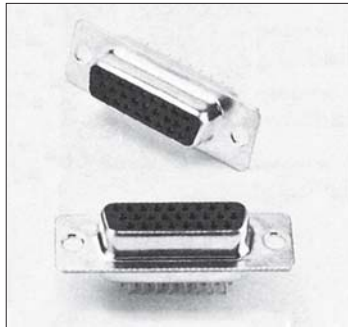
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|            |                                                         |
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| Contacts:  | Copper Alloy                                            |
| Plating:   | Gold over Nickel                                        |



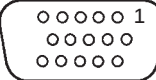
## Features

- ⇨ Stamped contacts
- ⇨ Selective gold plating

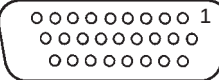


## Part Numbers

15 Contacts Part No. CT09-15S1



26 Contacts Part No. CT15-26S1



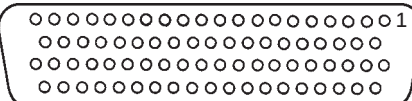
44 Contacts Part No. CT25-44S1



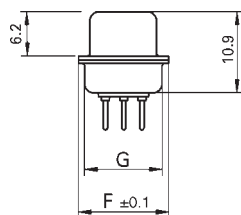
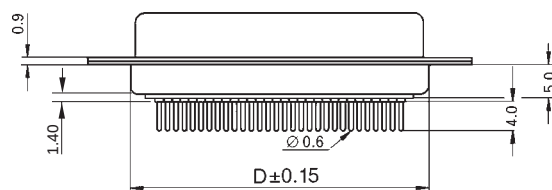
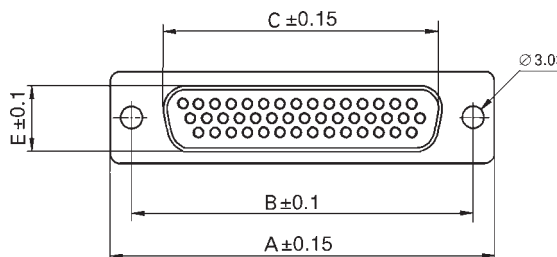
62 Contacts Part No. CT37-62S1



78 Contacts Part No. CT50-78S1



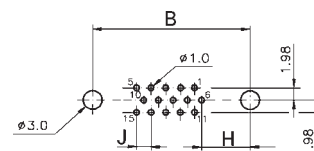
## Outline Connector Dimensions



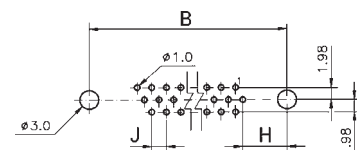
## Recommended PCB Layouts

For 15 contacts

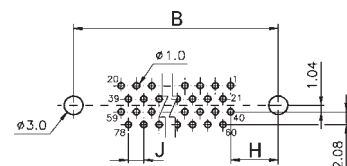
Top View



For 26, 44 and 62 contacts



For 78 contacts



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| CT09-15S1   | 15              | 30.80 | 25.00 | 16.35 | 19.20 | 7.90  | 12.50 | 10.70 | 7.10 | 2.29 |
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