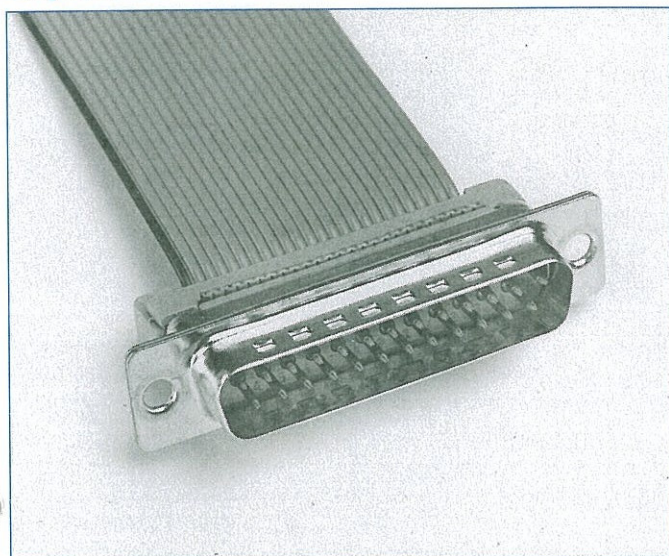
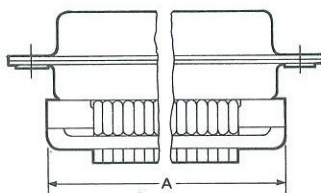
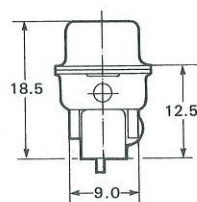




## Superfast IDC D



- High speed mass termination
- Low profile
- Steel shell for maximum strength
- Strain relief included
- Standard RS 232 interface
- UL 94V-0 rated insulators & strain relief
- Bright tin finish & grounding indents for EMI/RFI shielding
- Compatible with all other D Subminiatures
- Backshell & jack screws available.



| Number of Contacts | A    |
|--------------------|------|
| 9                  | 20.2 |
| 15                 | 28.6 |
| 25                 | 42.3 |
| 37                 | 58.8 |

## Technical Data

|                                                 |                         |                              |                                                                          |
|-------------------------------------------------|-------------------------|------------------------------|--------------------------------------------------------------------------|
| <b>Termination Options</b>                      | Insulation Displacement | <b>Current rating</b>        | 1A                                                                       |
| <b>Number of Contacts</b>                       | 9 15 25 37              | <b>Proof Voltage</b>         | 1.05 Kv d.c. or a.c. peak                                                |
| <b>Maximum Insertion &amp; Extraction Force</b> | 30 50 83 123N           | <b>Working Voltage</b>       | 350V d.c. or a.c. peak                                                   |
| <b>Performance Levels</b>                       | 2 or 3                  | <b>Contact Resistance</b>    | $5 \times 10^{-3} \Omega$ max                                            |
| <b>Wire Accommodation</b>                       | 26-28 AWG               | <b>Insulation Resistance</b> | $\geq 1 \times 10^9 \Omega$                                              |
| <b>Plug Contact Material</b>                    | Copper Alloy            | <b>Temperature Range</b>     | -55°C to +85°C Limited by PVC insulation on ribbon cable                 |
| <b>Socket Contact Material</b>                  | Copper Alloy            | <b>Insulator Materials</b>   | GF Polyester. UL 94V-0 Rated                                             |
|                                                 |                         | <b>Shell Materials</b>       | Steel – Zinc plated or bright tin finish with grounding indents on plugs |



|                                                                                                          |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div> <div>FC</div> <div></div> <div>-</div> <div>25</div> <div>P</div> <div>TI</div> <div></div> </div> |  | <b>Series Prefix</b> FC<br><b>Shell Size</b> E, A, B, C<br><b>Mounting Type</b> B - 4-40 rivnut for rear panel mounting<br>F - Float mount bushes<br>P - M3 rivnut for rear panel mounting<br>No designation - Ø 3.05 mm mounting hole (90° PCB mount)<br><b>Contact Arrangement</b> 9, 15, 25 or 37<br><b>Contact Type</b> P or S<br><b>Shell Finish</b> T - Bright tin<br>TI - Bright tin with grounding indents (plugs only)<br>No designation - Zinc plating with yellow chromate passivation<br><b>Performance Level</b> 1 - DIN Class 1<br>No designation - Performance Level 2 |
| Series Prefix                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Mounting Type                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Contact Arrangement                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Contact Type                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Shell Finish                                                                                             |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Performance Level                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

\*Unless expressly stated, Otherwise, backplate will be supplied assembled

## Superfast IDC – Plug Best Sellers

| Number of Contacts | Performance Level | Through Hole               |                         | Rear Panel Mount             |                            | Hoods  |
|--------------------|-------------------|----------------------------|-------------------------|------------------------------|----------------------------|--------|
|                    |                   | Zinc Chromate Plated Shell | Tin Indent Plated Shell | 4-40 Rivnut Tin indent Shell | M3 Rivnut Tin indent Shell |        |
| 9                  | 1                 | FC-9P1                     | FC-9PT11                | FCB-9PT11                    | FCP-9PT11                  | FC-9H  |
|                    | 2                 | FC-9P                      | FC-9PT1                 | FCB-9PT1                     | FCP-9PT1                   |        |
| 15                 | 1                 | FC-15P1                    | FC-15PT11               | FCB-15PT11                   | FCP-15PT11                 | FC-15H |
|                    | 2                 | FC-15P                     | FC-15PT1                | FCB-15PT1                    | FCP-15PT1                  |        |
| 25                 | 1                 | FC-25P1                    | FC-25PT11               | FCB-25PT11                   | FCP-25PT11                 | FC-25H |
|                    | 2                 | FC-25P                     | FC-25PT1                | FCB-25PT1                    | FCP-25PT1                  |        |
| 37                 | 1                 | FC-37P1                    | FC-37PT11               | FCB-37PT11                   | FCP-37PT11                 | FC-37H |
|                    | 2                 | FC-37P                     | FC-37PT1                | FCB-37PT1                    | FCP-37PT1                  |        |

## Superfast IDC – Socket

| Number of Contacts | Performance Level | Through Hole               |                         | Rear Panel Mount             |                            | Hoods  |
|--------------------|-------------------|----------------------------|-------------------------|------------------------------|----------------------------|--------|
|                    |                   | Zinc Chromate Plated Shell | Tin Indent Plated Shell | 4-40 Rivnut Tin indent Shell | M3 Rivnut Tin indent Shell |        |
| 9                  | 1                 | FC-9S1                     | FC-9ST1                 | FCB-9ST1                     | FCP-9ST1                   | FC-9H  |
|                    | 2                 | FC-9S                      | FC-9ST                  | FCB-9ST                      | FCP-9ST                    |        |
| 15                 | 1                 | FC-15S1                    | FC-15ST1                | FCB-15ST1                    | FCP-15ST1                  | FC-15H |
|                    | 2                 | FC-15S                     | FC-15ST                 | FCB-15ST                     | FCP-15ST                   |        |
| 25                 | 1                 | FC-25S1                    | FC-25ST1                | FCB-25ST1                    | FCP-25ST1                  | FC-25H |
|                    | 2                 | FC-25S                     | FC-25ST                 | FCB-25ST                     | FCP-25S                    |        |
| 37                 | 1                 | FC-37S1                    | FC-37ST1                | FCB-37ST1                    | FCP-37ST1                  | FC-37H |
|                    | 2                 | FC-37S                     | FC-37ST                 | FCB-37ST                     | FCP-37ST                   |        |