

MH105-Series – IDC-Sub Connectors

Material Specification:

| | |
|------------------|---|
| Insulator: | Glass filled Polyester, Black UL94 V-0 |
| Shell: | Stamped Steel Tin Plated |
| Contacts: | Copper Alloy |
| Contact Plating: | 1,5 micron Tin and 0,2 micron Gold |

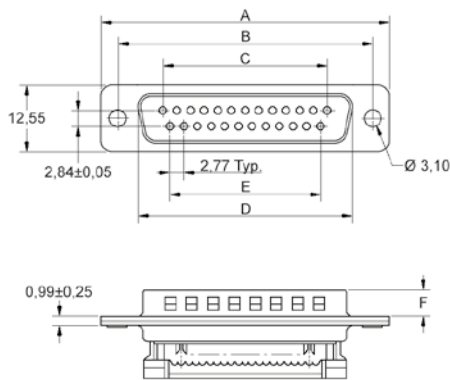
Electrical Specification:

| | |
|------------------------|-----------------|
| Working current: | 1,5 A |
| Test Voltage: | 1000 V |
| Insulation Resistance: | 500 MΩ |
| Contact Resistance: | less than 10 mΩ |
| Temperature Range: | -55 to +125 °C |

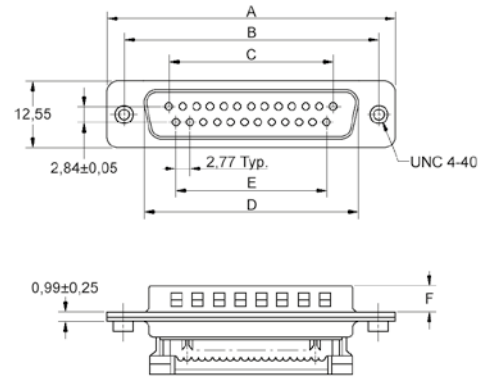


06

With 3.1 mm Thru-Holes



With Clinch Nuts



| Size: | A | B | C | D (Plug/Socket) | E | F (Plug/Socket) |
|-------|-------|-------|-------|-----------------|-------|-----------------|
| 9 | 30,81 | 24,99 | 11,08 | 16,92 / 16,33 | 8,31 | 5,90 / 6,23 |
| 15 | 39,14 | 33,32 | 19,39 | 25,25 / 24,66 | 16,62 | 5,90 / 6,23 |
| 25 | 53,04 | 47,04 | 33,24 | 38,96 / 38,38 | 30,47 | 5,90 / 6,23 |
| 37 | 69,36 | 63,50 | 49,86 | 55,25 / 54,84 | 47,09 | 5,90 / 6,23 |

Order Codes:

| Plug Connector | 3.1 mm Thru-Holes |
|----------------|----------------------|
| 09 | 1701-0300-01 MH10551 |
| 15 | 1701-0300-02 MH10552 |
| 25 | 1701-0300-03 MH10553 |
| 37 | 1701-0300-04 MH10554 |

| Socket Connector | 3.1 mm Thru-Holes |
|------------------|----------------------|
| 09 | 1701-0300-11 MH10575 |
| 15 | 1701-0300-12 MH10576 |
| 25 | 1701-0300-13 MH10577 |
| 37 | 1701-0300-14 MH10578 |

| Plug Connector | Clinch Nuts |
|----------------|----------------------|
| 09 | 1701-0300-21 MH10567 |
| 15 | 1701-0300-22 MH10568 |
| 25 | 1701-0300-23 MH10569 |
| 37 | 1701-0300-24 MH10570 |

| Socket Connector | Clinch Nuts |
|------------------|----------------------|
| 09 | 1701-0300-31 MH10591 |
| 15 | 1701-0300-32 MH10592 |
| 25 | 1701-0300-33 MH10593 |
| 37 | 1701-0300-34 MH10594 |

Order Code - Strain Relief Bars

| | | |
|----|--------------|---------|
| 09 | 1711-0100-01 | MH10175 |
| 15 | 1711-0100-02 | MH10176 |
| 25 | 1711-0100-03 | MH10177 |
| 37 | 1711-0100-04 | MH10178 |



Strain Relief Bar



Standard IDC



With Strain Relief Bar