

## MH105-Series – IDC-Sub Connectors

### Material Specification:

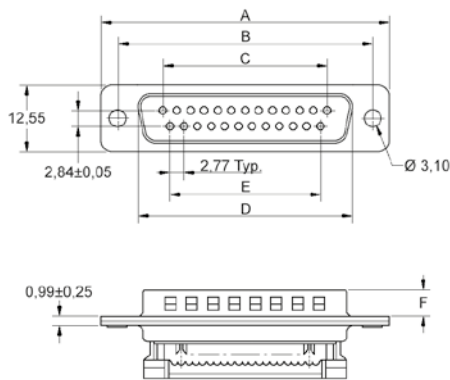
Insulator: Glass filled Polyester, Black  
 UL94 V-0  
 Shell: Stamped Steel Tin Plated  
 Contacts: Copper Alloy  
 Contact Plating: 1,5 micron Tin and  
 0,2 micron Gold

### Electrical Specification:

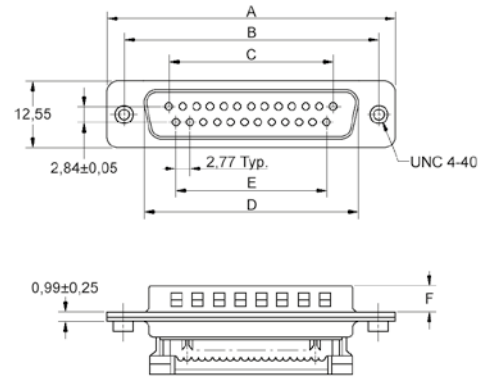
Working current: 1,5 A  
 Test Voltage: 1000 V  
 Insulation Resistance: 500 MΩ  
 Contact Resistance: less than 10 mΩ  
 Temperature Range: -55 to +125 °C



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