

### METPLAS SCREW TOGETHER D HOOD + HIGH DENSITY SOLDER FEMALE

#### TECHNICAL SPECIFICATIONS

##### D-SUB HOOD, METPLAS SCREW TOGETHER, BLACK

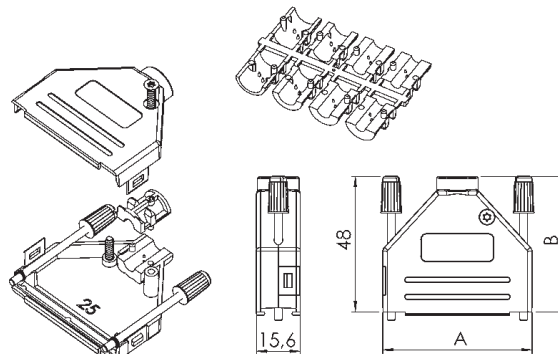
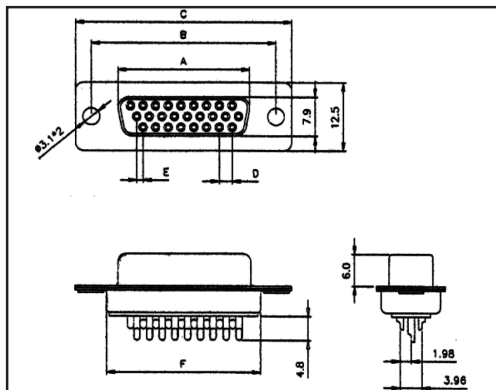
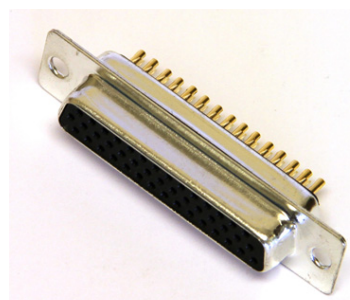
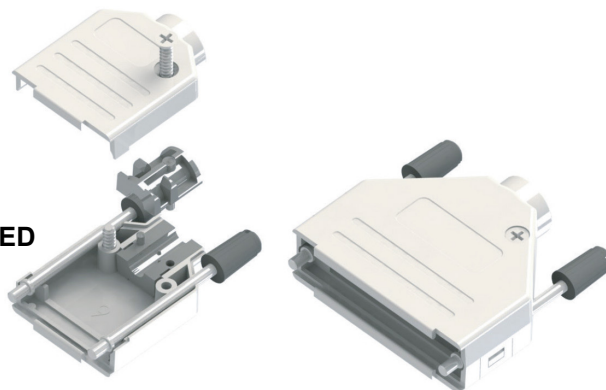
|                      |                                                    |
|----------------------|----------------------------------------------------|
| Material:            | ABS Plastic, Ni-plated                             |
| Temperature range:   | -40°C to +110°C                                    |
| Cable strain relief: | Polycarbonate, PC UL94 V-0                         |
| Cable diameter:      | 3.0 - 13.0 mm                                      |
| Locking screws:      | Long jackscrews with moulded top for colour coding |
| Cable outlet:        | Straight                                           |
| Attenuation factor:  | >40 dB between 30MHz and 1 GHz                     |

##### FEMALE HIGH DENSITY CONNECTOR SOLDER CUP, STAMPED

|                         |                                        |
|-------------------------|----------------------------------------|
| Insulator:              | Glass filled Polyester, Black UL94 V-0 |
| Shell:                  | Stamped Steel, Tin Plated              |
| Contact pins:           | Copper Alloy                           |
| Machined pins:          | 100 inserts min.                       |
| Contact plating:        | Selective Gold over Nickel             |
| Contact current rating: | 2 Amps max                             |
| Contact resistance:     | 25mΩ max                               |
| Operating temperature:  | -55°C to +105°C                        |
| Withstanding voltage:   | 500V AC for 1 minute                   |
| Insulator resistance:   | 500MΩ min (At 500V DC)                 |

##### FEMALE HIGH DENSITY CONNECTOR SOLDER CUP, MACHINED

|                         |                                        |
|-------------------------|----------------------------------------|
| Insulator:              | Glass filled Polyester, Black UL94 V-0 |
| Shell:                  | Stamped Steel, Tin Plated              |
| Contact pins:           | Copper Alloy                           |
| Machined pins:          | 500 inserts min.                       |
| Contact plating:        | Selective Gold over Nickel             |
| Contact current rating: | 5 Amps max                             |
| Contact resistance:     | 25mΩ max                               |
| Operating temperature:  | -55°C to +105°C                        |
| Withstanding voltage:   | 1000V AC for 1 minute                  |
| Insulator resistance:   | 1000MΩ min (At 500V DC)                |



| Size | A     | B     | C    | D    | E    | F    |
|------|-------|-------|------|------|------|------|
| HD15 | 16,30 | 25,00 | 30,8 | 2,29 | 1,14 | 19,2 |
| HD26 | 24,60 | 33,30 | 39,2 | 2,29 | 1,14 | 27,7 |
| HD44 | 38,30 | 47,10 | 53,1 | 2,29 | 1,14 | 41,1 |
| HD62 | 54,80 | 63,50 | 69,4 | 2,41 | 1,20 | 57,3 |

| Size   | Dim A | Dim B |
|--------|-------|-------|
| 9-way  | 31,0  | 38,3  |
| 15-way | 39,3  | 40,5  |
| 25-way | 53,0  | 47,8  |
| 37-way | 69,5  | 52,2  |

#### HOOD + STAMPED ECONOMY CONTACT CONNECTOR

| Size   | Product Code        |
|--------|---------------------|
| 9-way  | OS-DTPMK9-HDB15S-K  |
| 15-way | OS-DTPMK15-HDB26S-K |
| 25-way | OS-DTPMK25-HDB44S-K |
| 37-way | OS-DTPMK37-HDB62S-K |

#### HOOD + MACHINED HIGH QUALITY CONTACT CONNECTOR

| Size   | Product Code        |
|--------|---------------------|
| 9-way  | OS-DTPMK9-HDM15S-K  |
| 15-way | OS-DTPMK15-HDM26S-K |
| 25-way | OS-DTPMK25-HDM44S-K |
| 37-way | OS-DTPMK37-HDM62S-K |