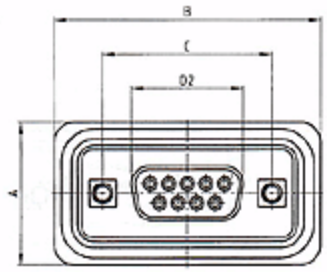
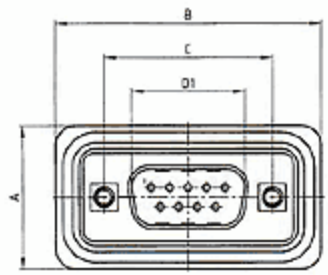
Water resistant D-Sub Connector
Solder pin straight
Termination type R

No. of pos.	A +0,2	B +0,2	C	D1 +0,25	D2 -0,25	E -0,30
9	21,10	39,40	25,00 $^{+0,12}_{-0,13}$	16,79	16,46	5,62
15	21,10	47,70	33,30 $^{+0,15}_{-0,10}$	25,12	24,79	5,62
25	21,10	61,40	47,04 $^{\pm 0,13}$	38,84	38,50	5,49
37	21,10	77,90	63,50 $^{\pm 0,13}$	55,30	54,96	5,49
50	23,90	75,50	61,10 $^{+0,14}_{-0,11}$	52,68	52,55	5,49

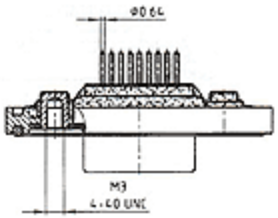


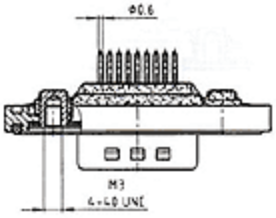


Mounting Type

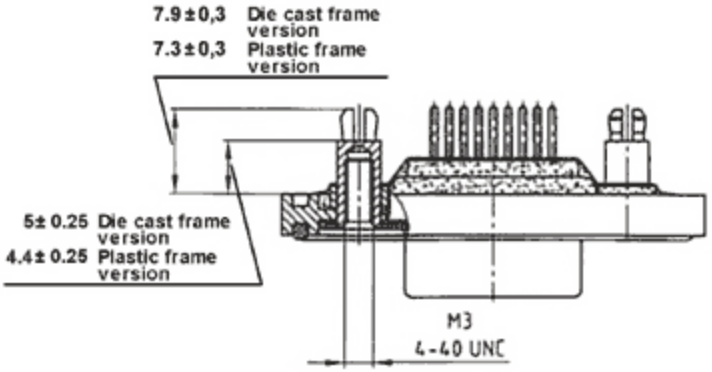
M3 B2

threaded insert 4-40 UNC B3

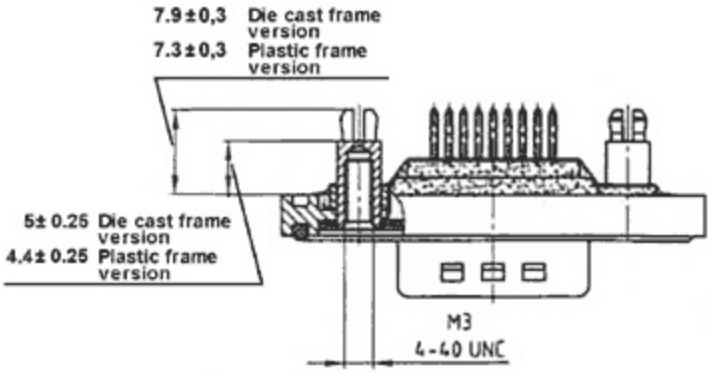




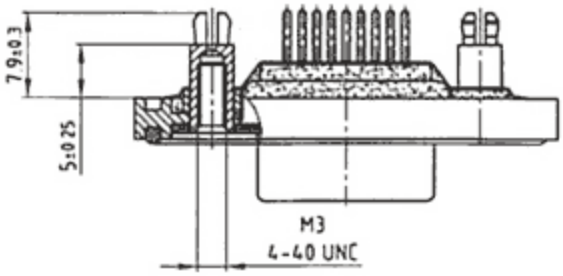
Clip M3 E1
threaded spacer-clip 4-40 UNC E2



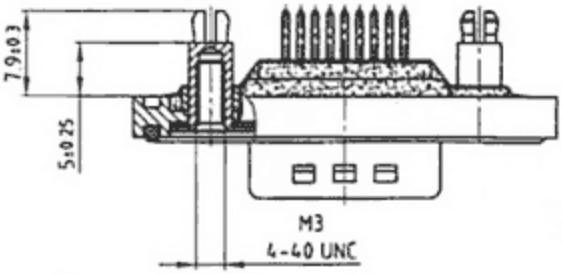
No. of pos. 9-37



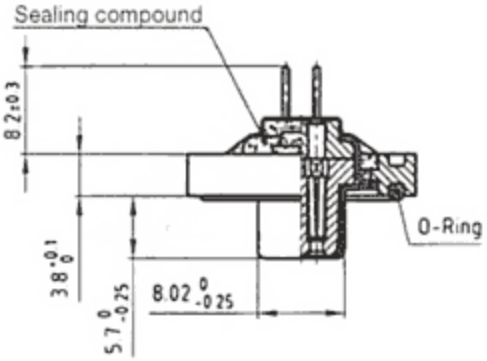
No. of pos. 9-37



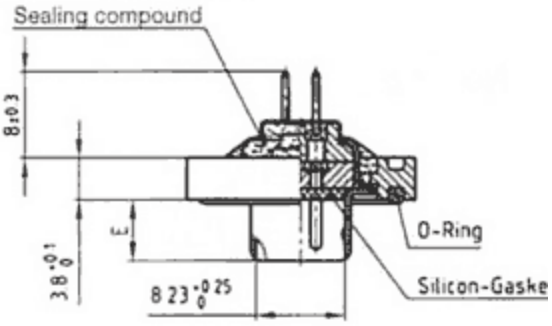
No. of pos. 50



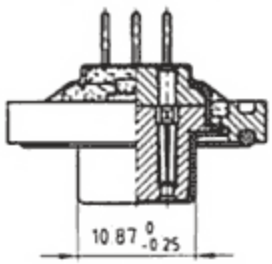
No. of pos. 50

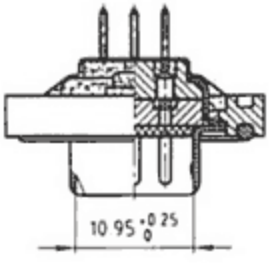


No. of pos. 50



No. of pos. 50





How to create a part number
for D-Subminiature Standard and High Density unfiltered and filtered

Order example: **6 STD 09 S A M 99 B3 0X**

Product line

2* = Shell yellow chromate (plug without ground indent), black plastic frame.
4 = Shell tin plated (plug with ground indent), black plastic frame.
RoHS compliant.
6 = Shell tin plated (plug with ground indent).
Die cast frame, bright nickel plated.
(**Industry preferred type**).
RoHS compliant.
7* = Shell yellow chromate (plug without ground indent).
Die cast frame, bright nickel plated.
8* = Shell **stainless steel** (plug with ground indent).
Die cast frame, bright nickel plated
(or without frame).
RoHS compliant.
9* = Shell **stainless steel** (plug with ground indent).
Black plastic frame.
RoHS compliant.

* **not applicable** for STF and HDF series.
(gold plated shells are available upon request)

Contact arrangement
STD = D-Subminiature- standard
STF = D-Subminiature- standard, filtered
HDD = D-Subminiature- High Density
HDF = D-Subminiature- High Density filtered

No. of pos. for STD and STF	No. of pos. for HDD and HDF
09 = 09-pos.	15 = 15-pos.
15 = 15-pos.	26 = 26-pos.
25 = 25-pos.	44 = 44-pos.
37 = 37-pos.	62 = 62-pos.
50 = 50-pos.	78 = 78 pos.

Contact type
P = Plug connector
S* = Female connector *not applicable for STF and HDF

Plating code for contacts
A = Quality class 3 = 50 Mating cycles
B = Quality class 2 = 200 Mating cycles
C = Quality class 1 = 500 Mating cycles
J = telecom application >= 500 Mating cycles available on request only

Termination applies for signal contacts only
M* = Solder cup *not applicable for HDF
R = PC tail straight
T = PC tail angled, .188
U = PC tail angled, .276
Z = PC tail angled, .463
Y = PC tail angled, .220 (only for High Density „HDD" and „HDF")

Capacitance
01 = 180 pF ± 20% Tolerance
03 = 370 pF ± 20% Tolerance
04 = 830 pF ± 20% Tolerance
05* = 1300 pF ± 20% Tolerance * not available for HDF
99= without filter for STD and HDD

Mounting style
A1 = riveted through hole for cable mount
B2 = threaded insert M3
B3 = threaded insert 4-40 UNC
B4 = threaded lock for front mounting M 3
B5 = threaded lock for front mounting 4-40 UNC
B7 = threaded lock for front panel mounting UNC 4-40 and with rear stud fixed for panel thickness 3.1 mm
B71 = threaded lock for front panel mounting UNC 4-40 and with rear stud fixed for panel thickness 6.4 mm
B72 = threaded lock for front panel mounting UNC 4-40 and with rear stud fixed for panel thickness 8.9 mm
B73 = threaded lock for front panel mounting UNC 4-40 and with rear stud fixed for panel thickness 12.5 mm
E1 = threaded rear spacer-Clip M3, PCB .063, Standard
E2 = threaded rear spacer-Clip 4-40 UNC, PCB .063, Standard
S1 = metal bracket, threaded insert M3
S2 = metal bracket, threaded insert 4-40 UNC
S3 = metal bracket, threaded insert M3 and Clip
S4 = metal bracket, threaded insert 4-40 UNC and Clip
R1 = metal bracket, threaded insert M3
R2 = metal bracket, threaded insert 4-40 UNC
R3 = metal bracket, threaded insert M3 and Clip
R4 = metal bracket, threaded insert 4-40 UNC and Clip

Standard- and special version 0X = standard