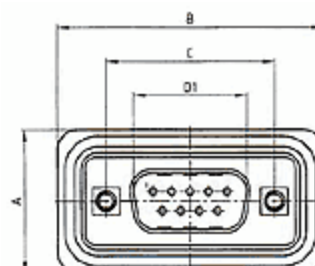
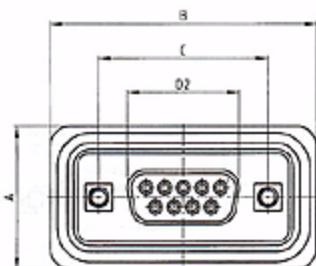




Water resistant D-Sub Connector  
Solder pin straight  
Termination type R

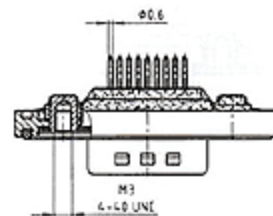
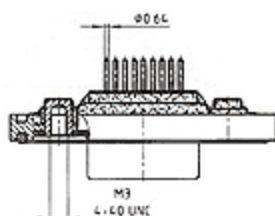
No. of pos.	A +0,2	B +0,2	C	D1 +0,25	D2 -0,25	E -0,30
9	21,10	39,40	25,00 <sup>+0,12 -0,13</sup>	16,79	16,46	5,62
15	21,10	47,70	33,30 <sup>+0,15 -0,10</sup>	25,12	24,79	5,62
25	21,10	61,40	47,04 <sup>±0,13</sup>	38,84	38,50	5,49
37	21,10	77,90	63,50 <sup>±0,13</sup>	55,30	54,96	5,49
50	23,90	75,50	61,10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



Mounting Type

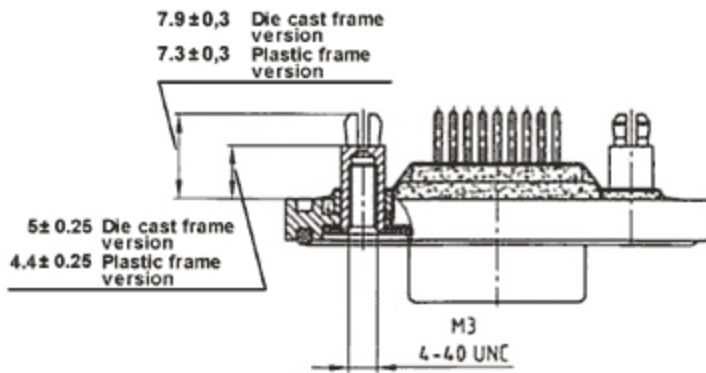
M3 B2

threaded insert 4-40 UNC B3

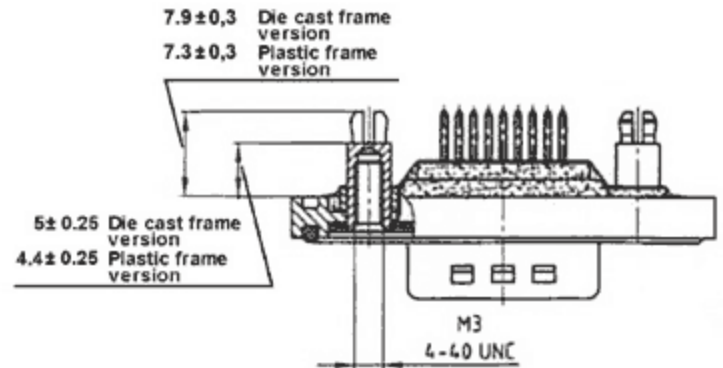


## Mounting Type

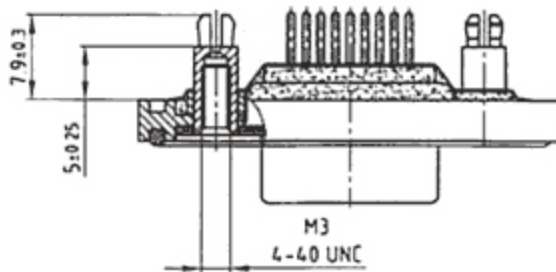
### Clip M3 E1 threaded spacer-clip 4-40 UNC E2



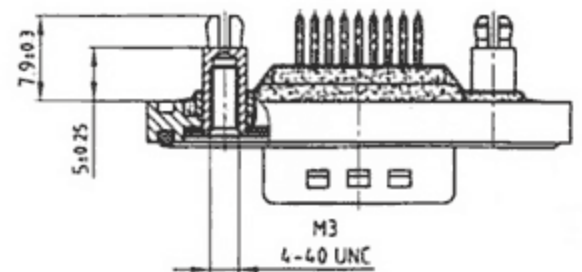
No. of pos. 9-37



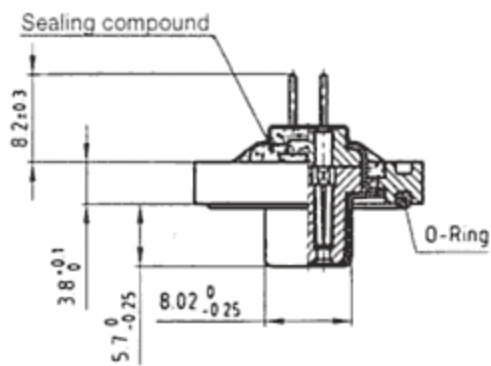
No. of pos. 9-37



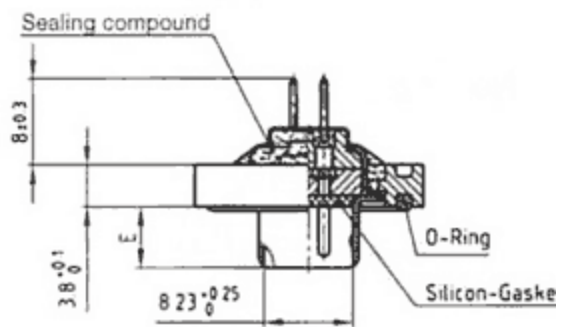
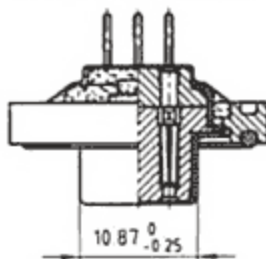
No. of pos. 50



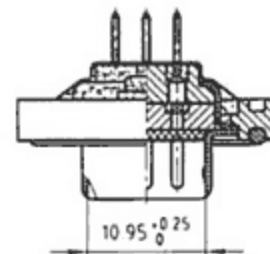
No. of pos. 50



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

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  
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  
99= without filter for STD and HDD  
\* not available for HDF

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

# Mouser Electronics

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[4STD15SCR99A10X](#) [4HDD15SCM99A10X](#) [4STD50PAM99A10X](#) [4STD15SCR99E20X](#) [4STD15SCM99B70X](#)  
[4STD09PCR99E20X](#) [4HDD26SCM99B30X](#) [4HDD26PCR99E20X](#) [4STD15SAM99B70X](#) [4STF09PAM05B30X](#)