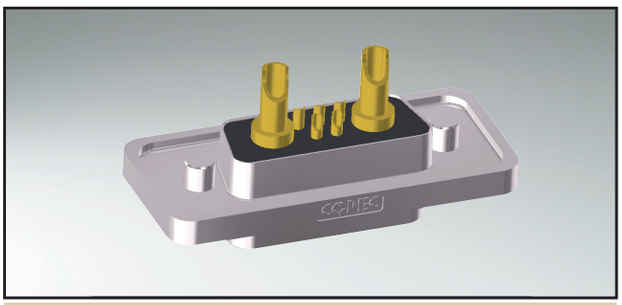
IP67 Combination D-SUB Solid Body

Solder cup – Precision machined contacts – For wire size AWG 20 and AWG 12 - 14

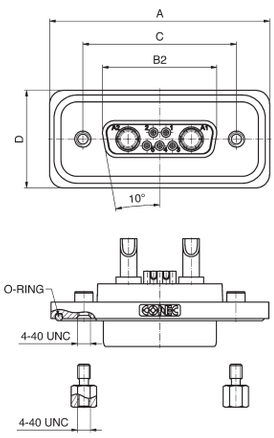


RoHS compliant – UL listed, File No.: E202784

Description

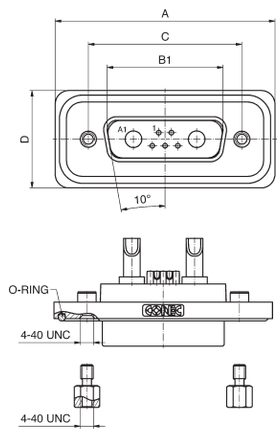
- Signal contacts for wire size **AWG 20**
- High power contacts 20A for cable **AWG 12 - 14**
- Mounting style:
  with 4-40 UNC threaded insert
- Quality class 3 (also available in quality class 1)
- One-piece zinc die-cast nickel plated shell
- IP67 for harsh environments, pressure-proof up to 1.45 PSI
- Stainless steel hex bolts are supplied loose

Socket connector



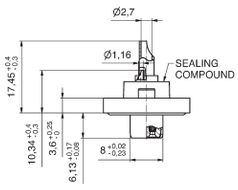
Shellsize	A	B2 -0.25	C	D
1	39.40 $^{+0.3}_{0}$	16.46	25.00 $^{+0.12}_{-0.13}$	21.10 $^{+0.3}$
2	47.70 $^{+0.3}_{0}$	24.79	33.32 $^{+0.13}_{-0.12}$	21.10 $^{+0.3}$
3	61.40 $^{+0.3}_{0}$	38.50	47.04 $^{\pm 0.13}$	21.10 $^{+0.3}$
4	78.00 $^{+0.3}_{0}$	54.96	63.50 $^{\pm 0.13}$	21.10 $^{+0.3}$
5	75.60 $^{+0.3}_{-0.1}$	52.55	61.10 $^{+0.14}_{-0.11}$	23.90 $^{+0.3}_{-0.1}$

Plug connector

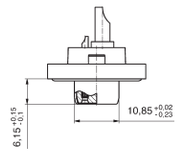


Shellsize	A	B1	C	D	E
1	39.40 $^{+0.3}_{0}$	16.81 $^{+0.23}_{0.02}$	25.00 $^{+0.12}_{-0.13}$	21.10 $^{+0.3}$	6.00 $^{+0.12}_{-0.18}$
2	47.70 $^{+0.3}_{0}$	25.14 $^{+0.23}_{0.02}$	33.32 $^{+0.13}_{-0.12}$	21.10 $^{+0.3}$	6.00 $^{+0.12}_{-0.18}$
3	61.40 $^{+0.3}_{0}$	38.86 $^{+0.23}_{0.02}$	47.04 $^{\pm 0.13}$	21.10 $^{+0.3}$	5.99 $^{-0.3}$
4	78.00 $^{+0.3}_{0}$	55.32 $^{+0.23}_{0.02}$	63.50 $^{\pm 0.13}$	21.10 $^{+0.3}$	5.99 $^{-0.3}$
5	75.60 $^{+0.3}_{0.1}$	52.80 $^{+0.13}_{0.12}$	61.10 $^{+0.14}_{0.11}$	23.90 $^{+0.3}_{0.1}$	5.99 $^{-0.3}$

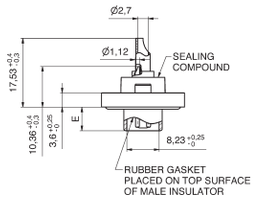
Shellsize 1-4



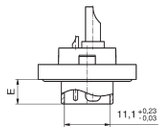
Shellsize 5



Shellsize 1-4



Shellsize 5



Order data

Socket connector

Design	Mounting style	Power contact	Part Number
5W1	Threaded insert 4-40 UNC	High power 20A	15-005063
7W2	Threaded insert 4-40 UNC	High power 20A	15-001103
11W1	Threaded insert 4-40 UNC	High power 20A	15-005073
9W4	Threaded insert 4-40 UNC	High power 20A	15-005083
13W3	Threaded insert 4-40 UNC	High power 20A	15-004563
17W2	Threaded insert 4-40 UNC	High power 20A	15-004453
21W1	Threaded insert 4-40 UNC	High power 20A	15-005093
13W6	Threaded insert 4-40 UNC	High power 20A	15-005103
17W5	Threaded insert 4-40 UNC	High power 20A	15-005113
21WA4	Threaded insert 4-40 UNC	High power 20A	15-005123
25W3	Threaded insert 4-40 UNC	High power 20A	15-005133
27W2	Threaded insert 4-40 UNC	High power 20A	15-005143
24W7	Threaded insert 4-40 UNC	High power 20A	15-005153
36W4	Threaded insert 4-40 UNC	High power 20A	15-005163
43W2	Threaded insert 4-40 UNC	High power 20A	15-004593
47W1	Threaded insert 4-40 UNC	High power 20A	15-005183

Plug connector

Design	Mounting style	Power contact	Part Number
5W1	Threaded insert 4-40 UNC	High power 20A	15-005193
7W2	Threaded insert 4-40 UNC	High power 20A	15-004643
11W1	Threaded insert 4-40 UNC	High power 20A	15-005203
9W4	Threaded insert 4-40 UNC	High power 20A	15-005213
13W3	Threaded insert 4-40 UNC	High power 20A	15-004553
17W2	Threaded insert 4-40 UNC	High power 20A	15-004543
21W1	Threaded insert 4-40 UNC	High power 20A	15-005223
13W6	Threaded insert 4-40 UNC	High power 20A	15-005233
17W5	Threaded insert 4-40 UNC	High power 20A	15-005243
21WA4	Threaded insert 4-40 UNC	High power 20A	15-005253
25W3	Threaded insert 4-40 UNC	High power 20A	15-005263
27W2	Threaded insert 4-40 UNC	High power 20A	15-005273
24W7	Threaded insert 4-40 UNC	High power 20A	15-005283
36W4	Threaded insert 4-40 UNC	High power 20A	15-005293
43W2	Threaded insert 4-40 UNC	High power 20A	15-005303
47W1	Threaded insert 4-40 UNC	High power 20A	15-005313

Other high power or coaxial contacts on request.