

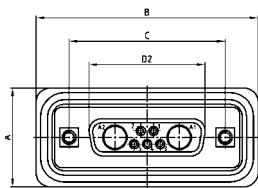
IP67 COMBINATION D-SUB

Solder pin – Angled – .189" / 4.8 mm – Precision machined contacts –
Metal bracket with PCB clip

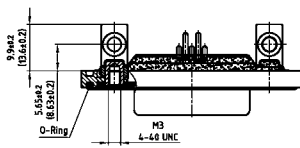


RoHS compliant – CSA listed, File No.: LR 115000-1 – UL listed, File No.: E202784

SOCKET CONNECTOR

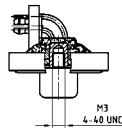


Shell size	A +0.2	B +0.2	C	D2 +0.25
1	21.10	39.40	25.00 $\begin{smallmatrix} +0.12 \\ -0.13 \end{smallmatrix}$	16.46
2	21.10	47.70	33.30 $\begin{smallmatrix} +0.15 \\ -0.10 \end{smallmatrix}$	24.79
3	21.10	61.40	47.04 ± 0.13	38.50
4	21.10	77.90	63.50 ± 0.13	54.96
5	23.90	75.50	61.10 $\begin{smallmatrix} +0.14 \\ -0.11 \end{smallmatrix}$	52.55

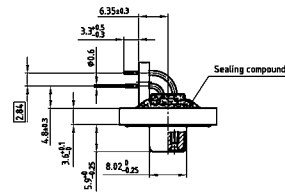


Dim. in () = Shell size 5

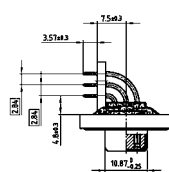
Shell size 1-4



Shell size 5



View without clip

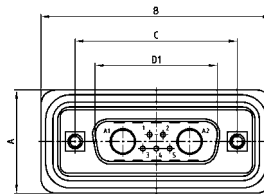


View without clip

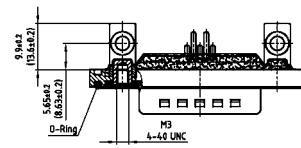
DESCRIPTION

- Contacts: high power or coaxial contacts
- Mounting style:
metal bracket, threaded insert and 4-40 UNC or M3 PCB clip
- Quality class 3 (also available in quality class 1)
- Shell: Brass tin plated (Stainless steel on request)
- Nickel plated die-cast frame
(Black plastic frame on request)
- Suitable hex bolts are supplied loose

PLUG CONNECTOR

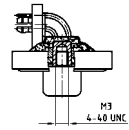


Shell size	A +0.2	B +0.2	C	D1 +0.25	E -0.30
1	21.10	39.40	25.00 $\begin{smallmatrix} +0.12 \\ -0.13 \end{smallmatrix}$	16.79	5.82
2	21.10	47.70	33.30 $\begin{smallmatrix} +0.15 \\ -0.10 \end{smallmatrix}$	25.12	5.82
3	21.10	61.40	47.04 ± 0.13	38.84	5.69
4	21.10	77.90	63.50 ± 0.13	55.30	5.69
5	23.90	75.50	61.10 $\begin{smallmatrix} +0.14 \\ -0.11 \end{smallmatrix}$	52.68	5.69

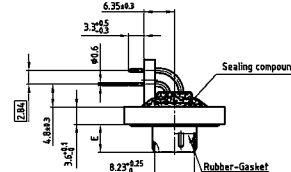


Dim. in () = Shell size 5

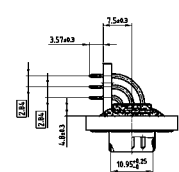
Shell size 1-4



Shell size 5



View without clip



View without clip

ORDER DATA

SOCKET CONNECTOR		High power contact		Part Number
Design	Mounting style 4-40 UNC			
5W1	PCB clip / Thread	15 A		6 005W1SAT 59 S40 X
7W2	PCB clip / Thread	15 A		6 007W2SAT 59 S40 X
11W1	PCB clip / Thread	15 A		6 011W1SAT 59 S40 X
9W4	PCB clip / Thread	15 A		6 009W4SAT 59 S40 X
13W3	PCB clip / Thread	15 A		6 013W3SAT 59 S40 X
17W2	PCB clip / Thread	15 A		6 017W2SAT 59 S40 X
21W1	PCB clip / Thread	15 A		6 021W1SAT 59 S40 X
13W6	PCB clip / Thread	15 A		6 013W6SAT 59 S40 X
17W5	PCB clip / Thread	15 A		6 017W5SAT 59 S40 X
21WA4	PCB clip / Thread	15 A		6 21WA4SAT 59 S40 X
25W3	PCB clip / Thread	15 A		6 025W3SAT 59 S40 X
27W2	PCB clip / Thread	15 A		6 027W2SAT 59 S40 X
24W7	PCB clip / Thread	20 A		6 024W7SAT 81 S40 X
36W4	PCB clip / Thread	20 A		6 036W4SAT 81 S40 X
43W2	PCB clip / Thread	20 A		6 043W2SAT 81 S40 X
47W1	PCB clip / Thread	20 A		6 047W1SAT 81 S40 X

PCB clip .122" / 3.1 ± .004" / 0.10 mm hole diameter and .063" / 1.6 mm circuit board thickness.

For other contact configurations refer to part number creator.

PLUG CONNECTOR		High power contact		Part Number
Design	Mounting style 4-40 UNC			
5W1	PCB clip / Thread	15 A		6 005W1PAT 59 S40 X
7W2	PCB clip / Thread	15 A		6 007W2PAT 59 S40 X
11W1	PCB clip / Thread	15 A		6 011W1PAT 59 S40 X
9W4	PCB clip / Thread	15 A		6 009W4PAT 59 S40 X
13W3	PCB clip / Thread	15 A		6 013W3PAT 59 S40 X
17W2	PCB clip / Thread	15 A		6 017W2PAT 59 S40 X
21W1	PCB clip / Thread	15 A		6 021W1PAT 59 S40 X
13W6	PCB clip / Thread	15 A		6 013W6PAT 59 S40 X
17W5	PCB clip / Thread	15 A		6 017W5PAT 59 S40 X
21WA4	PCB clip / Thread	15 A		6 21WA4PAT 59 S40 X
25W3	PCB clip / Thread	15 A		6 025W3PAT 59 S40 X
27W2	PCB clip / Thread	15 A		6 027W2PAT 59 S40 X
24W7	PCB clip / Thread	20 A		6 024W7PAT 81 S40 X
36W4	PCB clip / Thread	20 A		6 036W4PAT 81 S40 X
43W2	PCB clip / Thread	20 A		6 043W2PAT 81 S40 X
47W1	PCB clip / Thread	20 A		6 047W1PAT 81 S40 X

Contact for shellsize 1-4	Code
High power 15 A; E=.075/1.90 mm	= 59
High power 20 A; E=.110/2.85 mm	= 73
High power 30 A; E=.126/3.20 mm	= 74
High power 40 A; E=.150/3.75 mm	= 75

Contact for shellsize 5	Code
High power 20 A; E=.110/2.85 mm	= 81
High power 30 A; E=.150/3.75 mm	= 85
High power 30 A; E=.126/3.20 mm	= 82
High power 40 A; E=.150/3.75 mm	= 77