

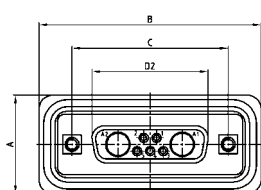
IP67 COMBINATION D-SUB

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

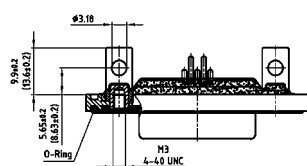


RoHS compliant – CSA listed, File No.: LR 115000-1 – UL listed, File No.: E202784

SOCKET CONNECTOR

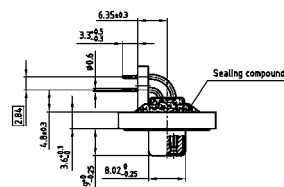


Shell size	A +0.2	B +0.2	C	D2 +0.25
1	21.10 ± 0.13	39.40	25.00 + 0.12 - 0.13	16.46
2	21.10	47.70	33.30 + 0.15 - 0.10	24.79
3	21.10	61.40	47.04 ± 0.13	38.50
4	21.10	77.90	63.50 ± 0.13	54.96
5	23.90	75.50	61.10 + 0.14	52.55

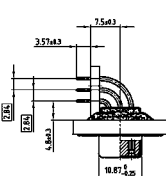


Dim. in () = Shell size 5

Shell size 1-4



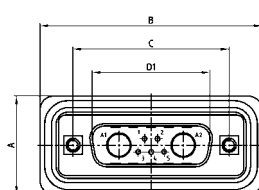
Shell size 5



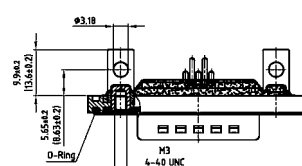
DESCRIPTION

- Contacts: high power or coaxial contacts
- Mounting style:
metal bracket with 4-40 UNC or M3 threaded insert
- 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

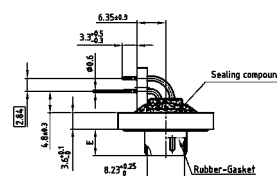


Shell size	A +0.2	B +0.2	C	D1 +0.25	E -0.30
1	21.10	39.40	25.00 ^{+0.12 -0.13}	16.79	5.82
2	21.10	47.70	33.30 ^{+0.15 -0.10}	25.12	5.82
3	21.10	61.40	47.04 ^{+0.13}	38.84	5.69
4	21.10	77.90	63.50 ^{+0.13}	55.30	5.69
5	23.90	75.50	61.10 ^{+0.14}	52.68	5.69

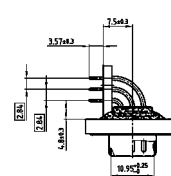


Dim. in () = Shell size 5

Shell size 1-4



Shell size 5



ORDER DATA

Socket Connector		High	
Design	Mounting style 4-40 UNC	power contact	Part Number
5W1	Threaded insert	15 A	6 005W1SAT59 S20 X
7W2	Threaded insert	15 A	6 007W2SAT59 S20 X
11W1	Threaded insert	15 A	6 011W1SAT59 S20 X
9W4	Threaded insert	15 A	6 009W4SAT59 S20 X
13W3	Threaded insert	15 A	6 013W3SAT59 S20 X
17W2	Threaded insert	15 A	6 017W2SAT59 S20 X
21W1	Threaded insert	15 A	6 021W1SAT59 S20 X
13W6	Threaded insert	15 A	6 013W6SAT59 S20 X
17W5	Threaded insert	15 A	6 017W5SAT59 S20 X
21WA4	Threaded insert	15 A	6 21WA4SAT59 S20 X
25W3	Threaded insert	15 A	6 025W3SAT59 S20 X
27W2	Threaded insert	15 A	6 027W2SAT59 S20 X
24W7	Threaded insert	20 A	6 024W7SAT81 S20 X
36W4	Threaded insert	20 A	6 036W4SAT81 S20 X
43W2	Threaded insert	20 A	6 043W2SAT81 S20 X
47W1	Threaded insert	20 A	6 047W1SAT81 S20 X

For other contact configurations refer to part number creator.

PLUG CONNECTOR		High	
Design	Mounting style 4-40 UNC	power contact	Part Number
5W1	Threaded insert	15 A	6 005W1PAT 59 520 X
7W2	Threaded insert	15 A	6 007W2PAT 59 520 X
11W1	Threaded insert	15 A	6 011W1PAT 59 520 X
9W4	Threaded insert	15 A	6 009W4PAT 59 520 X
13W3	Threaded insert	15 A	6 013W3PAT 59 520 X
17W2	Threaded insert	15 A	6 017W2PAT 59 520 X
21W1	Threaded insert	15 A	6 021W1PAT 59 520 X
13W6	Threaded insert	15 A	6 013W6PAT 59 520 X
17W5	Threaded insert	15 A	6 017W5PAT 59 520 X
21WA4	Threaded insert	15 A	6 21WA4PAT 59 520 X
25W3	Threaded insert	15 A	6 025W3PAT 59 520 X
27W2	Threaded insert	15 A	6 027W2PAT 59 520 X
24W7	Threaded insert	20 A	6 024W7PAT 81 520 X
36W4	Threaded insert	20 A	6 036W4PAT 81 520 X
43W2	Threaded insert	20 A	6 043W2PAT 81 520 X
47W1	Threaded insert	20 A	6 047W1PAT 81 520 X

Contact for shellsize 1-4	Code	Contact for shellsize 5	Code
High power 15 A; E=.075/1.90 mm	= 59	High power 20 A; E=.110/2.85 mm	= 81
High power 20 A; E=.110/2.85 mm	= 73	High power 30 A; E=.150/3.75 mm	= 85
High power 30 A; E=.126/3.20 mm	= 74	High power 30 A; E=.126/3.20 mm	= 82
High power 40 A; E=.150/3.75 mm	= 75	High power 40 A; E=.150/3.75 mm	= 77

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[6013W3SAT59S20X](#)