

D-SUB STANDARD – DUAL PORT

Solder pin – Angled – Precision machined contacts – .625"/15.88 mm Connector spacing



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

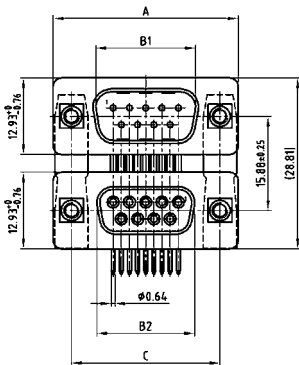
PRODUCT DRAWING

DESCRIPTION

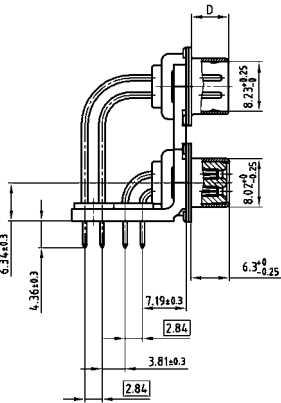
- Variations: pin – pin; socket – socket; pin – socket
- Mounting styles:
 - with mounting bracket and 4-40 UNC or M3 threaded insert
 - with mounting bracket and 4-40 UNC or M3 front spacer
 - with mounting bracket, PCB clip and 4-40 UNC or M3 threaded insert
 - with mounting bracket, PCB clip and 4-40 UNC or M3 front spacer
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated (brass tin plated or stainless steel available on request)

No. of pos.	A -0.76	B1 +0.25	B2 -0.25	C	D -0.30
2X 09	31.19	16.79	16.46	25.00 +0.12	6.12
2X 15	39.52	25.12	24.79	33.30 +0.15	6.12
2X 25	53.42	38.84	38.50	47.04 +0.13	5.99
2X 37	69.70	55.30	54.96	63.50 +0.13	5.99

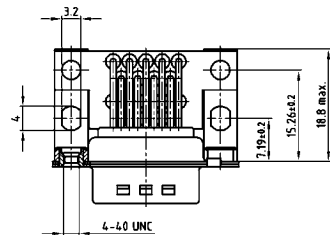
Graphically representation of only one variant!



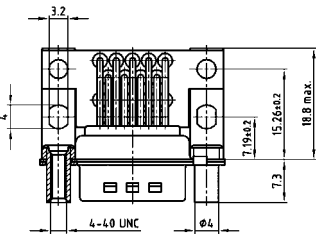
Mounting style: Threaded insert



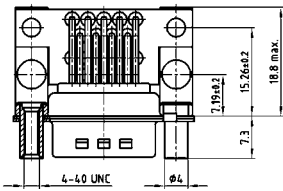
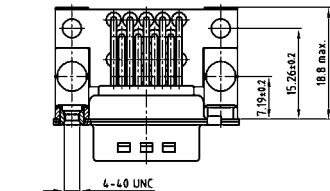
Mounting style: Front spacer



Mounting style: PCB clip, threaded insert



Mounting style: PCB clip, front spacer

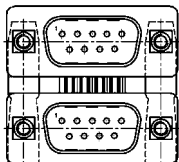


D-SUB STANDARD – DUAL PORT VARIATIONS

Solder pin – Angled – Precision machined contacts – .625" / 15.88 mm Connector spacing

ORDER DATA

PCB layout: Kat1iU5A

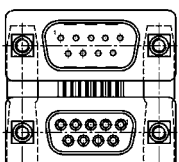


Variation:
plug upper –
plug bottom

No. of pos.	Mounting style 4-40 UNC	Part Number
09 / 09	Threaded insert	163 A 15199 X
15 / 15	Threaded insert	163 A 15209 X
25 / 25	Threaded insert	163 A 15219 X
37 / 37	Threaded insert	163 A 15229 X
09 / 09	Front spacer	163 A 15359 X
15 / 15	Front spacer	163 A 15369 X
25 / 25	Front spacer	163 A 15379 X
37 / 37	Front spacer	163 A 15389 X
09 / 09	PCB clip / Threaded insert	163 A 19969 X
15 / 15	PCB clip / Threaded insert	163 A 19979 X
25 / 25	PCB clip / Threaded insert	163 A 19989 X
37 / 37	PCB clip / Threaded insert	163 A 19999 X
09 / 09	PCB clip / Front spacer	163 A 19329 X
15 / 15	PCB clip / Front spacer	163 A 19339 X
25 / 25	PCB clip / Front spacer	163 A 19349 X
37 / 37	PCB clip / Front spacer	163 A 19359 X

No. of pos.	Mounting style M3	Part Number
09 / 09	Threaded insert	163 A 15279 X
15 / 15	Threaded insert	163 A 15289 X
25 / 25	Threaded insert	163 A 15299 X
37 / 37	Threaded insert	163 A 15309 X
09 / 09	Front spacer	163 A 15439 X
15 / 15	Front spacer	163 A 15449 X
25 / 25	Front spacer	163 A 15459 X
37 / 37	Front spacer	163 A 15469 X
09 / 09	PCB clip / Threaded insert	163 A 20049 X
15 / 15	PCB clip / Threaded insert	163 A 20059 X
25 / 25	PCB clip / Threaded insert	163 A 20069 X
37 / 37	PCB clip / Threaded insert	163 A 20079 X
09 / 09	PCB clip / Front spacer	163 A 19409 X
15 / 15	PCB clip / Front spacer	163 A 19419 X
25 / 25	PCB clip / Front spacer	163 A 19429 X
37 / 37	PCB clip / Front spacer	163 A 19439 X

PCB layout: Kat1iU6A

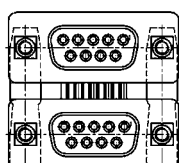


Variation:
plug upper –
socket bottom

No. of pos.	Mounting style 4-40 UNC	Part Number
09 / 09	Threaded insert	163 A 15239 X
15 / 15	Threaded insert	163 A 15249 X
25 / 25	Threaded insert	163 A 15259 X
37 / 37	Threaded insert	163 A 15269 X
09 / 09	Front spacer	163 A 15399 X
15 / 15	Front spacer	163 A 15409 X
25 / 25	Front spacer	163 A 15419 X
37 / 37	Front spacer	163 A 15429 X
09 / 09	PCB clip / Threaded insert	163 A 20009 X
15 / 15	PCB clip / Threaded insert	163 A 20019 X
25 / 25	PCB clip / Threaded insert	163 A 20029 X
37 / 37	PCB clip / Threaded insert	163 A 20039 X
09 / 09	PCB clip / Front spacer	163 A 19369 X
15 / 15	PCB clip / Front spacer	163 A 19379 X
25 / 25	PCB clip / Front spacer	163 A 19389 X
37 / 37	PCB clip / Front spacer	163 A 19399 X

No. of pos.	Mounting style M3	Part Number
09 / 09	Threaded insert	163 A 15319 X
15 / 15	Threaded insert	163 A 15329 X
25 / 25	Threaded insert	163 A 15339 X
37 / 37	Threaded insert	163 A 15349 X
09 / 09	Front spacer	163 A 15479 X
15 / 15	Front spacer	163 A 15489 X
25 / 25	Front spacer	163 A 15499 X
37 / 37	Front spacer	163 A 15509 X
09 / 09	PCB clip / Threaded insert	163 A 20089 X
15 / 15	PCB clip / Threaded insert	163 A 20099 X
25 / 25	PCB clip / Threaded insert	163 A 20109 X
37 / 37	PCB clip / Threaded insert	163 A 20119 X
09 / 09	PCB clip / Front spacer	163 A 19449 X
15 / 15	PCB clip / Front spacer	163 A 19459 X
25 / 25	PCB clip / Front spacer	163 A 19469 X
37 / 37	PCB clip / Front spacer	163 A 19479 X

PCB layout: Kat1iU6A

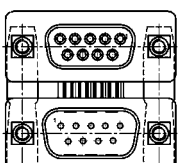


Variation:
socket upper –
socket bottom

No. of pos.	Mounting style 4-40 UNC	Part Number
09 / 09	Threaded insert	164 A 15609 X
15 / 15	Threaded insert	164 A 15619 X
25 / 25	Threaded insert	164 A 15629 X
37 / 37	Threaded insert	164 A 15639 X
09 / 09	Front spacer	164 A 15769 X
15 / 15	Front spacer	164 A 15779 X
25 / 25	Front spacer	164 A 15789 X
37 / 37	Front spacer	164 A 15799 X
09 / 09	PCB clip / Threaded insert	164 A 20409 X
15 / 15	PCB clip / Threaded insert	164 A 20419 X
25 / 25	PCB clip / Threaded insert	164 A 20429 X
37 / 37	PCB clip / Threaded insert	164 A 20439 X
09 / 09	PCB clip / Front spacer	164 A 19759 X
15 / 15	PCB clip / Front spacer	164 A 19769 X
25 / 25	PCB clip / Front spacer	164 A 19779 X
37 / 37	PCB clip / Front spacer	164 A 19789 X

No. of pos.	Mounting style M3	Part Number
09 / 09	Threaded insert	164 A 15689 X
15 / 15	Threaded insert	164 A 15699 X
25 / 25	Threaded insert	164 A 15709 X
37 / 37	Threaded insert	164 A 15719 X
09 / 09	Front spacer	164 A 15849 X
15 / 15	Front spacer	164 A 15859 X
25 / 25	Front spacer	164 A 15869 X
37 / 37	Front spacer	164 A 15879 X
09 / 09	PCB clip / Threaded insert	164 A 20489 X
15 / 15	PCB clip / Threaded insert	164 A 20499 X
25 / 25	PCB clip / Threaded insert	164 A 20509 X
37 / 37	PCB clip / Threaded insert	164 A 20519 X
09 / 09	PCB clip / Front spacer	164 A 19839 X
15 / 15	PCB clip / Front spacer	164 A 19849 X
25 / 25	PCB clip / Front spacer	164 A 19859 X
37 / 37	PCB clip / Front spacer	164 A 19869 X

PCB layout: Kat1iU5A



Variation:
socket upper –
plug bottom

No. of pos.	Mounting style 4-40 UNC	Part Number
09 / 09	Threaded insert	164 A 15649 X
15 / 15	Threaded insert	164 A 15659 X
25 / 25	Threaded insert	164 A 15669 X
37 / 37	Threaded insert	164 A 15679 X
09 / 09	Front spacer	164 A 15809 X
15 / 15	Front spacer	164 A 15819 X
25 / 25	Front spacer	164 A 15829 X
37 / 37	Front spacer	164 A 15839 X
09 / 09	PCB clip / Threaded insert	164 A 20449 X
15 / 15	PCB clip / Threaded insert	164 A 20459 X
25 / 25	PCB clip / Threaded insert	164 A 20469 X
37 / 37	PCB clip / Threaded insert	164 A 20479 X
09 / 09	PCB clip / Front spacer	164 A 19799 X
15 / 15	PCB clip / Front spacer	164 A 19809 X
25 / 25	PCB clip / Front spacer	164 A 19819 X
37 / 37	PCB clip / Front spacer	164 A 19829 X

No. of pos.	Mounting style M3	Part Number
09 / 09	Threaded insert	164 A 15729 X
15 / 15	Threaded insert	164 A 15739 X
25 / 25	Threaded insert	164 A 15749 X
37 / 37	Threaded insert	164 A 15759 X
09 / 09	Front spacer	164 A 15889 X
15 / 15	Front spacer	164 A 15899 X
25 / 25	Front spacer	164 A 15909 X
37 / 37	Front spacer	164 A 15919 X
09 / 09	PCB clip / Threaded insert	164 A 20529 X
15 / 15	PCB clip / Threaded insert	164 A 20539 X
25 / 25	PCB clip / Threaded insert	164 A 20549 X
37 / 37	PCB clip / Threaded insert	164 A 20559 X
09 / 09	PCB clip / Front spacer	164 A 19879 X
15 / 15	PCB clip / Front spacer	164 A 19889 X
25 / 25	PCB clip / Front spacer	164 A 19899 X
37 / 37	PCB clip / Front spacer	164 A 19909 X

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

Mouser Electronics

Authorized Distributor

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Amphenol:

<u>163A15359X</u>	<u>163A20059X</u>	<u>164A15769X</u>	<u>164A15849X</u>	<u>164A19819X</u>	<u>164A20479X</u>	<u>164A20559X</u>	<u>164A15619X</u>
<u>164A15719X</u>	<u>164A19849X</u>	<u>164A20429X</u>	<u>164A20499X</u>	<u>164A19869X</u>	<u>163A20009X</u>	<u>164A15649X</u>	<u>164A20439X</u>
<u>164A15789X</u>	<u>164A15879X</u>	<u>164A19759X</u>	<u>164A20509X</u>	<u>163A19989X</u>	<u>163A19999X</u>	<u>163A20069X</u>	<u>163A20089X</u>
<u>164A15629X</u>	<u>164A15709X</u>	<u>164A15869X</u>	<u>164A19839X</u>	<u>164A20419X</u>	<u>164A19899X</u>	<u>164A20489X</u>	<u>163A20029X</u>
<u>164A15669X</u>	<u>164A15679X</u>	<u>164A15829X</u>	<u>164A19799X</u>	<u>164A19889X</u>	<u>164A20459X</u>	<u>164A20469X</u>	<u>164A20539X</u>
<u>164A20549X</u>	<u>164A15639X</u>	<u>164A15889X</u>	<u>164A19859X</u>	<u>164A20519X</u>	<u>163A20039X</u>	<u>164A15759X</u>	<u>164A19809X</u>
<u>163A19979X</u>	<u>164A15689X</u>	<u>164A15779X</u>	<u>164A15859X</u>	<u>164A19909X</u>	<u>163A20019X</u>	<u>163A20109X</u>	<u>164A15729X</u>
<u>164A15819X</u>	<u>164A15899X</u>	<u>164A15909X</u>	<u>164A19779X</u>	<u>164A15749X</u>	<u>164A15839X</u>	<u>164A19879X</u>	<u>163A19389X</u>
<u>163A19459X</u>	<u>163A19469X</u>	<u>163A19479X</u>	<u>163A15489X</u>	<u>163A19359X</u>	<u>163A15379X</u>	<u>163A15449X</u>	<u>163A15429X</u>
<u>163A15509X</u>	<u>163A15209X</u>	<u>163A15459X</u>	<u>163A15499X</u>	<u>163A15399X</u>	<u>163A19409X</u>	<u>163A19369X</u>	<u>163A19449X</u>
<u>163A19339X</u>	<u>163A19349X</u>	<u>163A15249X</u>	<u>163A15419X</u>	<u>163A15339X</u>	<u>163A15439X</u>	<u>163A15319X</u>	<u>163A15329X</u>
<u>163A15269X</u>	<u>163A15349X</u>	<u>163A15229X</u>	<u>163A15389X</u>	<u>163A15479X</u>	<u>163A15219X</u>	<u>163A15289X</u>	<u>163A15369X</u>
<u>163A19329X</u>	<u>163A19399X</u>						