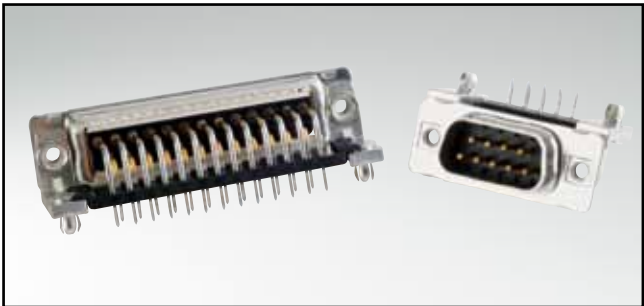


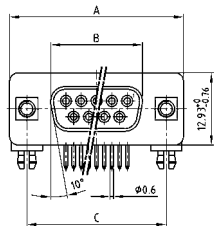
C-FILTER D-SUB STANDARD

Solder pin – Angled – .370" / 9.4 mm – Precision machined contacts – Metal bracket

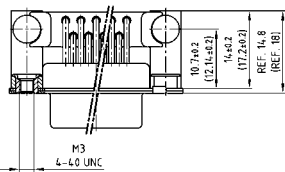


RoHS compliant – CSA listed, File No.: LR 115000-1 – UL listed, File No.: E202784

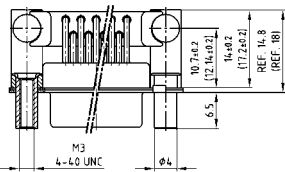
SOCKET CONNECTOR



Mounting style:
PCB clip, threaded insert



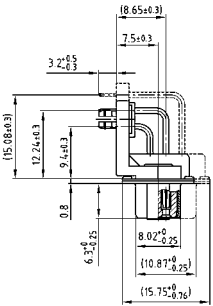
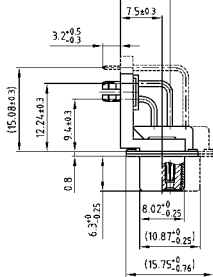
Mounting style:
PCB clip, front spacer



50 pos. = Dim. in (_)

No. of pos.	A -0.76	B -0.25	C
09	31.19	16.46	25.00 ^{+0.12} / _{-0.13}
15	39.52	24.79	33.30 ^{+0.15} / _{-0.10}
25	53.42	38.50	47.04 ^{+0.13} / _{-0.10}
37	69.70	54.96	63.50 ^{+0.13} / _{-0.10}
50	67.31	52.55	61.10 ^{+0.14} / _{-0.11}

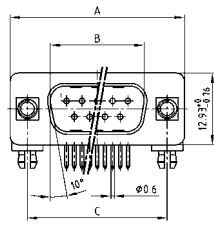
PCB layout: Kat1kGGA



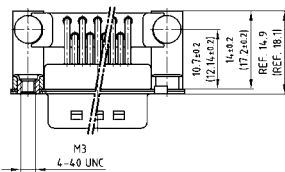
DESCRIPTION

- Mounting styles:
 - Mounting bracket with PCB clip and 4-40 UNC or M3 threaded insert
 - Mounting bracket with 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 on request)

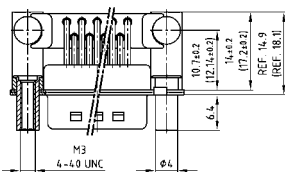
PLUG CONNECTOR



Mounting style:
PCB clip, threaded insert



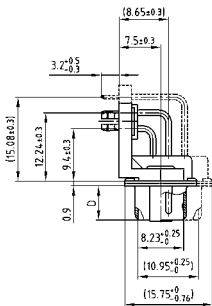
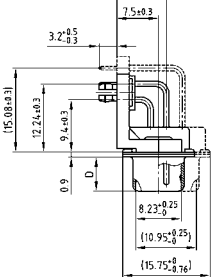
Mounting style:
PCB clip, front spacer



50 pos. = Dim. in (_)

No. of pos.	A -0.76	B -0.25	C	D -0.3
09	31.19	16.79	25.00 ^{+0.12} / _{-0.13}	6.12
15	39.52	25.12	33.30 ^{+0.15} / _{-0.10}	6.12
25	53.42	38.84	47.04 ^{+0.13} / _{-0.10}	5.99
37	69.70	55.30	63.50 ^{+0.13} / _{-0.10}	5.99
50	67.31	52.68	61.10 ^{+0.14} / _{-0.11}	5.99

PCB layout: Kat1kGHA



ORDER DATA

Capacitance 180 pF

SOCKET CONNECTOR

No. of pos.	Mounting style	Part Number
09	PCB clip / 4-40 UNC Threaded insert	242 A 21410 X
15	PCB clip / 4-40 UNC Threaded insert	242 A 21420 X
25	PCB clip / 4-40 UNC Threaded insert	242 A 21430 X
37	PCB clip / 4-40 UNC Threaded insert	242 A 21440 X
50	PCB clip / 4-40 UNC Threaded insert	242 A 27220 X
09	PCB clip / M3 Threaded insert	242 A 21570 X
15	PCB clip / M3 Threaded insert	242 A 21580 X
25	PCB clip / M3 Threaded insert	242 A 21590 X
37	PCB clip / M3 Threaded insert	242 A 21600 X
50	PCB clip / M3 Threaded insert	242 A 27260 X
09	PCB clip / 4-40 UNC Front spacer	242 A 22400 X
15	PCB clip / 4-40 UNC Front spacer	242 A 22410 X
25	PCB clip / 4-40 UNC Front spacer	242 A 22420 X
37	PCB clip / 4-40 UNC Front spacer	242 A 22430 X
50	PCB clip / 4-40 UNC Front spacer	242 A 27300 X
09	PCB clip / M3 Front spacer	242 A 22560 X
15	PCB clip / M3 Front spacer	242 A 22570 X
25	PCB clip / M3 Front spacer	242 A 22580 X
37	PCB clip / M3 Front spacer	242 A 22590 X
50	PCB clip / M3 Front spacer	242 A 27340 X

PLUG CONNECTOR

No. of pos.	Mounting style	Part Number
09	PCB clip / 4-40 UNC Threaded insert	241 A 21560 X
15	PCB clip / 4-40 UNC Threaded insert	241 A 21570 X
25	PCB clip / 4-40 UNC Threaded insert	241 A 21580 X
37	PCB clip / 4-40 UNC Threaded insert	241 A 21590 X
50	PCB clip / 4-40 UNC Threaded insert	241 A 27320 X
09	PCB clip / M3 Threaded insert	241 A 21720 X
15	PCB clip / M3 Threaded insert	241 A 21730 X
25	PCB clip / M3 Threaded insert	241 A 21740 X
37	PCB clip / M3 Threaded insert	241 A 21750 X
50	PCB clip / M3 Threaded insert	241 A 27360 X
09	PCB clip / 4-40 UNC Front spacer	241 A 22500 X
15	PCB clip / 4-40 UNC Front spacer	241 A 22510 X
25	PCB clip / 4-40 UNC Front spacer	241 A 22520 X
37	PCB clip / 4-40 UNC Front spacer	241 A 22530 X
50	PCB clip / 4-40 UNC Front spacer	241 A 27400 X
09	PCB clip / M3 Front spacer	241 A 22660 X
15	PCB clip / M3 Front spacer	241 A 22670 X
25	PCB clip / M3 Front spacer	241 A 22680 X
37	PCB clip / M3 Front spacer	241 A 22690 X
50	PCB clip / M3 Front spacer	241 A 27440 X

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

C-FILTER D-SUB STANDARD

Solder pin – Angled – .370" / 9.4 mm – Precision machined contacts – Metal bracket

ORDER DATA

Capacitance 370 pF

SOCKET CONNECTOR			PLUG CONNECTOR		
No. of pos.	Mounting style	Part Number	No. of pos.	Mounting style	Part Number
09	PCB clip / 4-40 UNC Threaded insert	242 A 21450 X	09	PCB clip / 4-40 UNC Threaded insert	241 A 21600 X
15	PCB clip / 4-40 UNC Threaded insert	242 A 21460 X	15	PCB clip / 4-40 UNC Threaded insert	241 A 21610 X
25	PCB clip / 4-40 UNC Threaded insert	242 A 21470 X	25	PCB clip / 4-40 UNC Threaded insert	241 A 21620 X
37	PCB clip / 4-40 UNC Threaded insert	242 A 21480 X	37	PCB clip / 4-40 UNC Threaded insert	241 A 21630 X
50	PCB clip / 4-40 UNC Threaded insert	242 A 27230 X	50	PCB clip / 4-40 UNC Threaded insert	241 A 27330 X
09	PCB clip / M3 Threaded insert	242 A 21610 X	09	PCB clip / M3 Threaded insert	241 A 21760 X
15	PCB clip / M3 Threaded insert	242 A 21620 X	15	PCB clip / M3 Threaded insert	241 A 21770 X
25	PCB clip / M3 Threaded insert	242 A 21630 X	25	PCB clip / M3 Threaded insert	241 A 21780 X
37	PCB clip / M3 Threaded insert	242 A 21640 X	37	PCB clip / M3 Threaded insert	241 A 21790 X
50	PCB clip / M3 Threaded insert	242 A 27270 X	50	PCB clip / M3 Threaded insert	241 A 27370 X
09	PCB clip / 4-40 UNC Front spacer	242 A 22440 X	09	PCB clip / 4-40 UNC Front spacer	241 A 22540 X
15	PCB clip / 4-40 UNC Front spacer	242 A 22450 X	15	PCB clip / 4-40 UNC Front spacer	241 A 22550 X
25	PCB clip / 4-40 UNC Front spacer	242 A 22460 X	25	PCB clip / 4-40 UNC Front spacer	241 A 22560 X
37	PCB clip / 4-40 UNC Front spacer	242 A 22470 X	37	PCB clip / 4-40 UNC Front spacer	241 A 22570 X
50	PCB clip / 4-40 UNC Front spacer	242 A 27310 X	50	PCB clip / 4-40 UNC Front spacer	241 A 27410 X
09	PCB clip / M3 Front spacer	242 A 22600 X	09	PCB clip / M3 Front spacer	241 A 22700 X
15	PCB clip / M3 Front spacer	242 A 22610 X	15	PCB clip / M3 Front spacer	241 A 22710 X
25	PCB clip / M3 Front spacer	242 A 22620 X	25	PCB clip / M3 Front spacer	241 A 22720 X
37	PCB clip / M3 Front spacer	242 A 22630 X	37	PCB clip / M3 Front spacer	241 A 22730 X
50	PCB clip / M3 Front spacer	242 A 27350 X	50	PCB clip / M3 Front spacer	241 A 27450 X

Capacitance 830 pF

SOCKET CONNECTOR			PLUG CONNECTOR		
No. of pos.	Mounting style	Part Number	No. of pos.	Mounting style	Part Number
09	PCB clip / 4-40 UNC Threaded insert	242 A 21490 X	09	PCB clip / 4-40 UNC Threaded insert	241 A 21640 X
15	PCB clip / 4-40 UNC Threaded insert	242 A 21500 X	15	PCB clip / 4-40 UNC Threaded insert	241 A 21650 X
25	PCB clip / 4-40 UNC Threaded insert	242 A 21510 X	25	PCB clip / 4-40 UNC Threaded insert	241 A 21660 X
37	PCB clip / 4-40 UNC Threaded insert	242 A 21520 X	37	PCB clip / 4-40 UNC Threaded insert	241 A 21670 X
50	PCB clip / 4-40 UNC Threaded insert	242 A 27240 X	50	PCB clip / 4-40 UNC Threaded insert	241 A 27340 X
09	PCB clip / M3 Threaded insert	242 A 21650 X	09	PCB clip / M3 Threaded insert	241 A 21800 X
15	PCB clip / M3 Threaded insert	242 A 21660 X	15	PCB clip / M3 Threaded insert	241 A 21810 X
25	PCB clip / M3 Threaded insert	242 A 21670 X	25	PCB clip / M3 Threaded insert	241 A 21820 X
37	PCB clip / M3 Threaded insert	242 A 21680 X	37	PCB clip / M3 Threaded insert	241 A 21830 X
50	PCB clip / M3 Threaded insert	242 A 27280 X	50	PCB clip / M3 Threaded insert	241 A 27380 X
09	PCB clip / 4-40 UNC Front spacer	242 A 22480 X	09	PCB clip / 4-40 UNC Front spacer	241 A 22580 X
15	PCB clip / 4-40 UNC Front spacer	242 A 22490 X	15	PCB clip / 4-40 UNC Front spacer	241 A 22590 X
25	PCB clip / 4-40 UNC Front spacer	242 A 22500 X	25	PCB clip / 4-40 UNC Front spacer	241 A 22600 X
37	PCB clip / 4-40 UNC Front spacer	242 A 22510 X	37	PCB clip / 4-40 UNC Front spacer	241 A 22610 X
50	PCB clip / 4-40 UNC Front spacer	242 A 27320 X	50	PCB clip / 4-40 UNC Front spacer	241 A 27420 X
09	PCB clip / M3 Front spacer	242 A 22640 X	09	PCB clip / M3 Front spacer	241 A 22740 X
15	PCB clip / M3 Front spacer	242 A 22650 X	15	PCB clip / M3 Front spacer	241 A 22750 X
25	PCB clip / M3 Front spacer	242 A 22660 X	25	PCB clip / M3 Front spacer	241 A 22760 X
37	PCB clip / M3 Front spacer	242 A 22670 X	37	PCB clip / M3 Front spacer	241 A 22770 X
50	PCB clip / M3 Front spacer	242 A 27360 X	50	PCB clip / M3 Front spacer	241 A 27460 X

Capacitance 1300 pF

SOCKET CONNECTOR			PLUG CONNECTOR		
No. of pos.	Mounting style	Part Number	No. of pos.	Mounting style	Part Number
09	PCB clip / 4-40 UNC Threaded insert	242 A 21530 X	09	PCB clip / 4-40 UNC Threaded insert	241 A 21680 X
15	PCB clip / 4-40 UNC Threaded insert	242 A 21540 X	15	PCB clip / 4-40 UNC Threaded insert	241 A 21690 X
25	PCB clip / 4-40 UNC Threaded insert	242 A 21550 X	25	PCB clip / 4-40 UNC Threaded insert	241 A 21700 X
37	PCB clip / 4-40 UNC Threaded insert	242 A 21560 X	37	PCB clip / 4-40 UNC Threaded insert	241 A 21710 X
50	PCB clip / 4-40 UNC Threaded insert	242 A 27250 X	50	PCB clip / 4-40 UNC Threaded insert	241 A 27350 X
09	PCB clip / M3 Threaded insert	242 A 21690 X	09	PCB clip / M3 Threaded insert	241 A 21840 X
15	PCB clip / M3 Threaded insert	242 A 21700 X	15	PCB clip / M3 Threaded insert	241 A 21850 X
25	PCB clip / M3 Threaded insert	242 A 21710 X	25	PCB clip / M3 Threaded insert	241 A 21860 X
37	PCB clip / M3 Threaded insert	242 A 21720 X	37	PCB clip / M3 Threaded insert	241 A 21870 X
50	PCB clip / M3 Threaded insert	242 A 27290 X	50	PCB clip / M3 Threaded insert	241 A 27390 X
09	PCB clip / 4-40 UNC Front spacer	242 A 22520 X	09	PCB clip / 4-40 UNC Front spacer	241 A 22620 X
15	PCB clip / 4-40 UNC Front spacer	242 A 22530 X	15	PCB clip / 4-40 UNC Front spacer	241 A 22630 X
25	PCB clip / 4-40 UNC Front spacer	242 A 22540 X	25	PCB clip / 4-40 UNC Front spacer	241 A 22640 X
37	PCB clip / 4-40 UNC Front spacer	242 A 22550 X	37	PCB clip / 4-40 UNC Front spacer	241 A 22650 X
50	PCB clip / 4-40 UNC Front spacer	242 A 27330 X	50	PCB clip / 4-40 UNC Front spacer	241 A 27430 X
09	PCB clip / M3 Front spacer	242 A 22680 X	09	PCB clip / M3 Front spacer	241 A 22780 X
15	PCB clip / M3 Front spacer	242 A 22690 X	15	PCB clip / M3 Front spacer	241 A 22790 X
25	PCB clip / M3 Front spacer	242 A 22700 X	25	PCB clip / M3 Front spacer	241 A 22800 X
37	PCB clip / M3 Front spacer	242 A 22710 X	37	PCB clip / M3 Front spacer	241 A 22810 X
50	PCB clip / M3 Front spacer	242 A 27370 X	50	PCB clip / M3 Front spacer	241 A 27470 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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CONEC:

<u>241A21850X</u>	<u>242A21460X</u>	<u>242A27310X</u>	<u>242A21430X</u>	<u>242A21440X</u>	<u>242A21510X</u>	<u>242A21590X</u>	<u>242A21690X</u>
<u>242A21480X</u>	<u>242A21560X</u>	<u>242A21640X</u>	<u>242A21720X</u>	<u>242A21420X</u>	<u>242A21410X</u>	<u>242A21500X</u>	<u>242A21660X</u>
<u>242A21580X</u>	<u>242A21470X</u>	<u>242A21630X</u>	<u>242A21530X</u>	<u>242A21540X</u>	<u>242A21610X</u>	<u>242A21620X</u>	<u>242A21700X</u>
<u>242A21450X</u>	<u>242A21710X</u>	<u>242A21490X</u>	<u>242A21650X</u>	<u>242A21670X</u>	<u>242A21520X</u>	<u>242A21600X</u>	<u>242A21680X</u>
<u>241A27390X</u>	<u>241A27470X</u>	<u>241A21840X</u>	<u>241A22550X</u>	<u>241A22640X</u>	<u>241A22720X</u>	<u>241A22730X</u>	<u>241A22800X</u>
<u>241A22810X</u>	<u>241A22760X</u>	<u>241A27320X</u>	<u>241A27430X</u>	<u>241A27440X</u>	<u>241A27350X</u>	<u>241A27330X</u>	<u>241A27340X</u>
<u>241A27420X</u>	<u>241A27410X</u>	<u>241A22620X</u>	<u>241A22700X</u>	<u>241A22710X</u>	<u>241A27380X</u>	<u>241A21740X</u>	<u>241A21810X</u>
<u>241A21830X</u>	<u>241A22530X</u>	<u>241A22540X</u>	<u>241A22630X</u>	<u>241A22780X</u>	<u>241A21620X</u>	<u>241A22660X</u>	<u>241A22740X</u>
<u>241A22560X</u>	<u>241A27370X</u>	<u>241A27450X</u>	<u>241A27460X</u>	<u>241A27400X</u>	<u>241A21800X</u>	<u>241A22510X</u>	<u>241A22590X</u>
<u>241A22600X</u>	<u>241A22680X</u>	<u>241A21580X</u>	<u>241A21700X</u>	<u>241A21770X</u>	<u>241A21860X</u>	<u>241A22570X</u>	<u>241A22750X</u>
<u>241A21680X</u>	<u>241A21760X</u>	<u>241A21660X</u>	<u>241A21630X</u>	<u>241A21640X</u>	<u>241A21720X</u>	<u>241A22520X</u>	<u>241A22610X</u>
<u>241A21610X</u>	<u>241A21690X</u>	<u>241A21780X</u>	<u>241A21870X</u>	<u>241A22500X</u>	<u>241A22580X</u>	<u>241A21710X</u>	<u>241A21790X</u>
<u>241A22770X</u>	<u>241A22650X</u>	<u>241A21600X</u>	<u>241A21670X</u>				