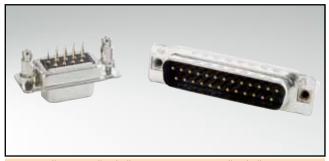
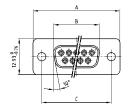
C-FILTER D-SUB STANDARD

Solder pin - Straight - Precision machined contacts



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

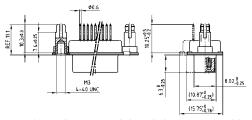
SOCKET CONNECTOR



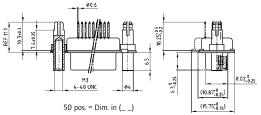
| No. of pos. | A -0.76 | B -0.25 | С |
|-------------|---------|---------|--------------|
| 09 | 31.19 | 16.46 | 25.00 + 0.12 |
| 15 | 39.52 | 24.79 | 33.30 + 0.15 |
| 25 | 53.42 | 38.50 | 47.04 ± 0.13 |
| 37 | 69.70 | 54.96 | 63.50 ±0.13 |
| 50 | 67.31 | 52.55 | 61.10 + 0.14 |

PCB layout: Kat1kFUA

Mounting style: Threaded rear spacer with PCB clip



Mounting style: Front and threaded rear spacer with PCB clip

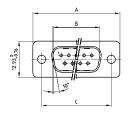


ORDER DATA_

DESCRIPTION.

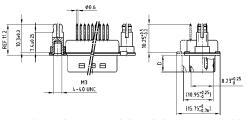
- Mounting styles:
 - with 4-40 UNC or M3 threaded rear spacer with PCB clip
 - with 4-40 UNC or M3 front and threaded rear spacer with
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated (brass tin plated on request)

PLUG CONNECTOR

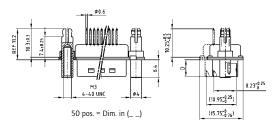


| No. of pos. | A -0.76 | B +0.25 | С | D -0.3 |
|-------------|---------|---------|--------------|--------|
| 09 | 31.19 | 16.79 | 25.00 + 0.12 | 6.12 |
| 15 | 39.52 | 25.12 | 33.30 + 0.15 | 6.12 |
| 25 | 53.42 | 38.84 | 47.04 ± 0.13 | 5.99 |
| 37 | 69.70 | 55.30 | 63.50 ±0.13 | 5.99 |
| 50 | 67.31 | 52.68 | 61.10 +0.14 | 5.99 |

Mounting style: Threaded rear spacer with PCB clip



Mounting style: Front and threaded rear spacer with PCB clip



| SOCKET CONNECTOR | | | Plug connector | | | | |
|------------------|--|---------------|----------------|-------------|--|---------------|--|
| No. of pos. | Mounting style | Part Number | | No. of pos. | Mounting style | Part Number | |
| 09 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 16460 X | | 09 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 19080 X | |
| 15 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 16470 X | | 15 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 19090 X | |
| 25 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 16480 X | | 25 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 19100 X | |
| 37 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 16490 X | | 37 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 19110 X | |
| 50 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 16500 X | | 50 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 19120 X | |
| 09 | M3 Threaded rear spacer PCB clip | 242 A 16510 X | | 09 | M3 Threaded rear spacer PCB clip | 241 A 19130 X | |
| 15 | M3 Threaded rear spacer PCB clip | 242 A 16520 X | | 15 | M3 Threaded rear spacer PCB clip | 241 A 19140 X | |
| 25 | M3 Threaded rear spacer PCB clip | 242 A 16530 X | | 25 | M3 Threaded rear spacer PCB clip | 241 A 19150 X | |
| 37 | M3 Threaded rear spacer PCB clip | 242 A 16540 X | | 37 | M3 Threaded rear spacer PCB clip | 241 A 19160 X | |
| 50 | M3 Threaded rear spacer PCB clip | 242 A 16550 X | | 50 | M3 Threaded rear spacer PCB clip | 241 A 19170 X | |
| 09 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 16560 X | | 09 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 19180 X | |
| 15 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 16570 X | | 15 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 19190 X | |
| 25 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 16580 X | | 25 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 19200 X | |
| 37 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 16590 X | | 37 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 19210 X | |
| 50 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 16600 X | | 50 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 19220 X | |
| 09 | M3 Front / Threaded rear spacer PCB clip | 242 A 16610 X | | 09 | M3 Front / Threaded rear spacer PCB clip | 241 A 19230 X | |
| 15 | M3 Front / Threaded rear spacer PCB clip | 242 A 16620 X | | 15 | M3 Front / Threaded rear spacer PCB clip | 241 A 19240 X | |
| 25 | M3 Front / Threaded rear spacer PCB clip | 242 A 16630 X | | 25 | M3 Front / Threaded rear spacer PCB clip | 241 A 19250 X | |
| 37 | M3 Front / Threaded rear spacer PCB clip | 242 A 16640 X | | 37 | M3 Front / Threaded rear spacer PCB clip | 241 A 19260 X | |
| 50 | M3 Front / Threaded rear spacer PCB clip | 242 A 16650 X | | 50 | M3 Front / Threaded rear spacer PCB clip | 241 A 19270 X | |

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

C-FILTER D-SUB STANDARD

Solder pin – Straight – Precision machined contacts

ORDER DATA_

| Capaci | tance 370 pF | | | | |
|----------------|---|--------------------------------|-------------|--|--|
| SOCKET CON | NECTOR | | PLUG CONNE | CTOR | |
| No. of pos. | Mounting style | Part Number | No. of pos. | Mounting style | Part Numbe |
| 09 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 14980 X | 09 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15090 |
| 15 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 14990 X | 15 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15100 |
| 25 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15000 X | 25 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15110 |
| 37 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15010 X | 37 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15120 |
| 50 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15020 X | 50 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15130 |
| 09 | M3 Threaded rear spacer PCB clip | 242 A 15130 X | 09 | M3 Threaded rear spacer PCB clip | 241 A 15240 |
| 15 | M3 Threaded rear spacer PCB clip | 242 A 15140 X | 15 | M3 Threaded rear spacer PCB clip | 241 A 15250 |
| 25 | M3 Threaded rear spacer PCB clip | 242 A 15150 X | 25 | M3 Threaded rear spacer PCB clip | 241 A 15260 |
| 37 | M3 Threaded rear spacer PCB clip | 242 A 15160 X | 37 | M3 Threaded rear spacer PCB clip | 241 A 15270 |
| 50 | M3 Threaded rear spacer PCB clip | 242 A 15170 X | 50 | M3 Threaded rear spacer PCB clip | 241 A 15280 |
| 09 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15280 X | 09 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15390 |
| 15 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15290 X | 15 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15400 |
| 25 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15300 X | 25 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15410 |
| 37 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15310 X | 37 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15420 |
| 50 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15320 X | 50 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15430 |
| 09 | M3 Front / Threaded rear spacer PCB clip | 242 A 15430 X | 09 | M3 Front / Threaded rear spacer PCB clip | 241 A 15540 |
| 15 | M3 Front / Threaded rear spacer PCB clip | 242 A 15440 X | 15 | M3 Front / Threaded rear spacer PCB clip | 241 A 15550 |
| 25 | M3 Front / Threaded rear spacer PCB clip | 242 A 15450 X | 25 | M3 Front / Threaded rear spacer PCB clip | 241 A 15560 |
| 37 | M3 Front / Threaded rear spacer PCB clip | 242 A 15460 X | 37 | M3 Front / Threaded rear spacer PCB clip | 241 A 15570 |
| 50 | M3 Front / Threaded rear spacer PCB clip | 242 A 15470 X | 50 | M3 Front / Threaded rear spacer PCB clip | 241 A 15580 |
| <i>c</i> . | | | | | |
| | tance 830 pF | | | | |
| SOCKET CON | NECTOR | | PLUG CONNE | CTOR | |
| - | Mounting style | Part Number | | Mounting style | Part Numb |
| 09 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15080 X | 09 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15190 |
| 15 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15090 X | 15 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15200 |
| 25 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15100 X | 25 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15210 |
| 37 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15110 X | 37 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15220 |
| 50 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15120 X | 50 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15230 |
| 09 | M3 Threaded rear spacer PCB clip | 242 A 15230 X | 09 | M3 Threaded rear spacer PCB clip | 241 A 15340 |
| 15 | M3 Threaded rear spacer PCB clip | 242 A 15240 X | 15 | M3 Threaded rear spacer PCB clip | 241 A 15350 |
| 25 | M3 Threaded rear spacer PCB clip | 242 A 15250 X | 25 | M3 Threaded rear spacer PCB clip | 241 A 15360 |
| 37 | M3 Threaded rear spacer PCB clip | 242 A 15260 X | 37 | M3 Threaded rear spacer PCB clip | 241 A 15370 |
| 50 | M3 Threaded rear spacer PCB clip | 242 A 15270 X | 50 | M3 Threaded rear spacer PCB clip | 241 A 15380 |
| 09 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15380 X | 09 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15490 |
| 15 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15390 X | 15 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15500 |
| 25 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15400 X | 25 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15510 |
| 37 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15410 X | 37 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15520 |
| 50 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15420 X | 50 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15530 |
| 09 | M3 Front / Threaded rear spacer PCB clip | 242 A 15530 X | 09 | M3 Front / Threaded rear spacer PCB clip | 241 A 15640 |
| 15 | M3 Front / Threaded rear spacer PCB clip | 242 A 15540 X | 15 | M3 Front / Threaded rear spacer PCB clip | 241 A 15650 |
| 25 | M3 Front / Threaded rear spacer PCB clip | 242 A 15550 X | 25 | M3 Front / Threaded rear spacer PCB clip | 241 A 15660 |
| 37 | M3 Front / Threaded rear spacer PCB clip | | 37 | M3 Front / Threaded rear spacer PCB clip | 241 A 15670 |
| 50 | M3 Front / Threaded rear spacer PCB clip | 242 A 15560 X | 50 | · · · · · · · · · · · · · · · · · · · | |
| | | 242 A 15570 X | <u>JU</u> | M3 Front / Threaded rear spacer PCB clip | 241 A 15680 |
| Capaci | tance 1300 pF | | | | |
| SOCKET CON | NECTOR | | PLUG CONNE | CTOR | |
| No. of pos. | Mounting style | Part Number | No. of pos. | Mounting style | Part Numb |
| 09 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15030 X | 09 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15140 |
| 15 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15040 X | 15 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15150 |
| 25 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15050 X | 25 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15160 |
| 37 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15060 X | 37 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15170 |
| 50 | 4-40 UNC Threaded rear spacer PCB clip | 242 A 15070 X | 50 | 4-40 UNC Threaded rear spacer PCB clip | 241 A 15180 |
| 09 | M3 Threaded rear spacer PCB clip | 242 A 15180 X | 09 | M3 Threaded rear spacer PCB clip | 241 A 15290 |
| 15 | M3 Threaded rear spacer PCB clip | 242 A 15190 X | 15 | M3 Threaded rear spacer PCB clip | 241 A 15300 |
| 25 | M3 Threaded rear spacer PCB clip | 242 A 15200 X | 25 | M3 Threaded rear spacer PCB clip | 241 A 15310 |
| 37 | M3 Threaded rear spacer PCB clip | 242 A 15210 X | 37 | M3 Threaded rear spacer PCB clip | 241 A 15320 |
| 50 | M3 Threaded rear spacer PCB clip | 242 A 15220 X | 50 | M3 Threaded rear spacer PCB clip | 241 A 15330 |
| 09 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15330 X | 09 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15440 |
| 15 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15340 X | 15 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15450 |
| 25 | 4-40 UNC Front / Threaded rear spacer PCB clip | 242 A 15350 X | 25 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15460 |
| 25 37 | 4-40 UNC Front / Threaded rear spacer PCB clip | | 25 37 | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15460 241 A 15470 |
| | | 242 A 15360 X | 50 | · | |
| EΩ | 4-40 UNC Front / Threaded rear spacer PCB clip M3 Front / Threaded rear spacer PCB clip | 242 A 15370 X | | 4-40 UNC Front / Threaded rear spacer PCB clip | 241 A 15480 |
| 50 | Bulk Front / Inroaded roar chacor DCD clin | 242 A 15480 X | 09 | M3 Front / Threaded rear spacer PCB clip | 241 A 15590 |
| 09 | | | | 140 E . / TI I I | |
| 09 15 | M3 Front / Threaded rear spacer PCB clip | 242 A 15490 X | 15 | M3 Front / Threaded rear spacer PCB clip | |
| 09 15 25 | M3 Front / Threaded rear spacer PCB clip M3 Front / Threaded rear spacer PCB clip | 242 A 15490 X 242 A 15500 X | 25 | M3 Front / Threaded rear spacer PCB clip | 241 A 15610 |
| 09 15 | M3 Front / Threaded rear spacer PCB clip | 242 A 15490 X | | · | 241 A 15600 241 A 15610 241 A 15620 241 A 15630 |

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|------------|-------------------------|------------------|------------------|------------------|------------------|------------------|------------|
| 241A15670X | 241A15660X | 241A15590X | 241A15100X | 241A15280X | 241A15470X | 241A15550X | 241A15390X |
| 242A15220X | 242A15290X | 242A15300X | 242A15310X | 242A15470X | 242A15560X | 242A15570X | 242A15190X |
| 242A15060X | 242A15080X | 242A15160X | 242A15230X | 242A15330X | 242A15490X | 242A15500X | 241A19170X |
| 241A19250X | 241A19110X | 241A19120X | 241A19220X | 241A19230X | 241A15130X | 241A15220X | 241A15380X |
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| 241A15530X | 241A15620X | 241A15500X | 241A15680X | 241A15250X | 241A15340X | 241A15510X | 241A15370X |
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| 241A15570X | 242A16650X | 242A14990X | 242A15150X | 242A15240X | 242A15320X | 242A15410X | 242A16580X |
| 242A15000X | 242A15090X | 242A15260X | 242A15340X | | | | |