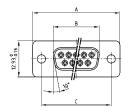
C-FILTER D-SUB STANDARD

Solder pin - Straight - Precision machined contacts



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

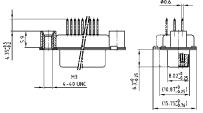
SOCKET CONNECTOR



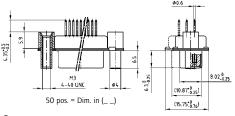
| No. of pos. | A -0.76 | B -0.25 | С |
|-------------|---------|---------|--------------|
| 09 | 31.19 | 16.46 | 25.00 + 0.12 |
| 15 | 39.52 | 24.79 | 33.30 + 0.15 |
| 25 | 53.42 | 38.50 | 47.04 ± 0.13 |
| 37 | 69.70 | 54.96 | 63.50 ±0.13 |
| 50 | 67.31 | 52.55 | 61.10 + 0.14 |

PCB layout: Kat1kFUA

Mounting style: Threaded rear spacer



Mounting style: Threaded rear spacer, front spacer

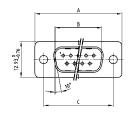


ORDER DATA

DESCRIPTION.

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

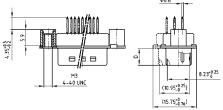
PLUG CONNECTOR



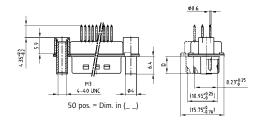
| 31.19 | | | |
|-------|----------------|----------------------------|--|
| 31.13 | 16.79 | 25.00 + 0.12 | 6.12 |
| 39.52 | 25.12 | 33.30 + 0.15 | 6.12 |
| 53.42 | 38.84 | 47.04 ± 0.13 | 5.99 |
| 69.70 | 55.30 | 63.50 ±0.13 | 5.99 |
| 67.31 | 52.68 | 61.10 +0.14 | 5.99 |
| | 53.42 69.70 | 53.42 38.84 69.70 55.30 | 53.42 38.84 47.04 ±0.13 69.70 55.30 63.50 ±0.13 |

PCB layout: Kat1kFUA

Mounting style: Threaded rear spacer



Mounting style: Threaded rear spacer, front spacer



| Socket connector | | | PLUG CONNI | Plug connector | | | |
|------------------|---------------------------------------|---------------|-------------|---------------------------------------|---------------|--|--|
| No. of pos. | Mounting style | Part Number | No. of pos. | Mounting style | Part Number | | |
| 09 | 4-40 UNC Threaded rear spacer | 242 A 16210 X | 09 | 4-40 UNC Threaded rear spacer | 241 A 18830 X | | |
| 15 | 4-40 UNC Threaded rear spacer | 242 A 16220 X | 15 | 4-40 UNC Threaded rear spacer | 241 A 18840 X | | |
| 25 | 4-40 UNC Threaded rear spacer | 242 A 16230 X | 25 | 4-40 UNC Threaded rear spacer | 241 A 18850 X | | |
| 37 | 4-40 UNC Threaded rear spacer | 242 A 16240 X | 37 | 4-40 UNC Threaded rear spacer | 241 A 18860 X | | |
| 50 | 4-40 UNC Threaded rear spacer | 242 A 16250 X | 50 | 4-40 UNC Threaded rear spacer | 241 A 18870 X | | |
| 09 | M3 Threaded rear spacer | 242 A 16260 X | 09 | M3 Threaded rear spacer | 241 A 18880 X | | |
| 15 | M3 Threaded rear spacer | 242 A 16270 X | 15 | M3 Threaded rear spacer | 241 A 18890 X | | |
| 25 | M3 Threaded rear spacer | 242 A 16280 X | 25 | M3 Threaded rear spacer | 241 A 18900 X | | |
| 37 | M3 Threaded rear spacer | 242 A 16290 X | 37 | M3 Threaded rear spacer | 241 A 18910 X | | |
| 50 | M3 Threaded rear spacer | 242 A 16300 X | 50 | M3 Threaded rear spacer | 241 A 18920 X | | |
| 09 | 4-40 UNC Front / Threaded rear spacer | 242 A 16310 X | 09 | 4-40 UNC Front / Threaded rear spacer | 241 A 18930 X | | |
| 15 | 4-40 UNC Front / Threaded rear spacer | 242 A 16320 X | 15 | 4-40 UNC Front / Threaded rear spacer | 241 A 18940 X | | |
| 25 | 4-40 UNC Front / Threaded rear spacer | 242 A 16330 X | 25 | 4-40 UNC Front / Threaded rear spacer | 241 A 18950 X | | |
| 37 | 4-40 UNC Front / Threaded rear spacer | 242 A 16340 X | 37 | 4-40 UNC Front / Threaded rear spacer | 241 A 18960 X | | |
| 50 | 4-40 UNC Front / Threaded rear spacer | 242 A 16350 X | 50 | 4-40 UNC Front / Threaded rear spacer | 241 A 18970 X | | |
| 09 | M3 Front / Threaded rear spacer | 242 A 16360 X | 09 | M3 Front / Threaded rear spacer | 241 A 18980 X | | |
| 15 | M3 Front / Threaded rear spacer | 242 A 16370 X | 15 | M3 Front / Threaded rear spacer | 241 A 18990 X | | |
| 25 | M3 Front / Threaded rear spacer | 242 A 16380 X | 25 | M3 Front / Threaded rear spacer | 241 A 19000 X | | |
| 37 | M3 Front / Threaded rear spacer | 242 A 16390 X | 37 | M3 Front / Threaded rear spacer | 241 A 19010 X | | |
| 50 | M3 Front / Threaded rear spacer | 242 A 16400 X | 50 | M3 Front / Threaded rear spacer | 241 A 19020 X | | |

C-FILTER D-SUB STANDARD

Solder pin – Straight – Precision machined contacts

| Canaci | tance 370 pF | | | | |
|------------------|---|--------------------------------|-------------|---|----------------------------|
| SOCKET CON | | | PLUG CONN | ECTOR | |
| | | | | | |
| | Mounting style | Part Number | • | Mounting style | Part Number |
| 09 15 | 4-40 UNC Threaded rear spacer 4-40 UNC Threaded rear spacer | 242 A 10370 X 242 A 10380 X | 09 15 | 4-40 UNC Threaded rear spacer 4-40 UNC Threaded rear spacer | 241 A 10370 241 A 10380 |
| 25 | 4-40 UNC Threaded rear spacer | 242 A 10380 X | 25 | 4-40 UNC Threaded rear spacer | 241 A 10380 |
| 37 | 4-40 UNC Threaded rear spacer | 242 A 10400 X | 37 | 4-40 UNC Threaded rear spacer | 241 A 10400 |
| 50 | 4-40 UNC Threaded rear spacer | 242 A 15670 X | 50 | 4-40 UNC Threaded rear spacer | 241 A 15780 |
| 09 | M3 Threaded rear spacer | 242 A 10490 X | 09 | M3 Threaded rear spacer | 241 A 10490 |
| 15 | M3 Threaded rear spacer | 242 A 10500 X | 15 | M3 Threaded rear spacer | 241 A 10500 |
| 25 | M3 Threaded rear spacer | 242 A 10510 X | 25 | M3 Threaded rear spacer | 241 A 10510 |
| 37 | M3 Threaded rear spacer | 242 A 10520 X | 37 | M3 Threaded rear spacer | 241 A 10520 |
| 50 | M3 Threaded rear spacer | 242 A 15700 X | 50 | M3 Threaded rear spacer | 241 A 15810 |
| 09 | 4-40 UNC Front / Threaded rear spacer | 242 A 10610 X | 09 | 4-40 UNC Front / Threaded rear spacer | 241 A 10610 |
| 15 | 4-40 UNC Front / Threaded rear spacer | 242 A 10620 X | 15 | 4-40 UNC Front / Threaded rear spacer | 241 A 10620 |
| 25 37 | 4-40 UNC Front / Threaded rear spacer | 242 A 10630 X | 25 37 | 4-40 UNC Front / Threaded rear spacer | 241 A 10630 |
| 50 | 4-40 UNC Front / Threaded rear spacer 4-40 UNC Front / Threaded rear spacer | 242 A 10640 X 242 A 15730 X | 50 | 4-40 UNC Front / Threaded rear spacer 4-40 UNC Front / Threaded rear spacer | 241 A 10640 241 A 15840 |
| 09 | M3 Front / Threaded rear spacer | 242 A 10730 X | 09 | M3 Front / Threaded rear spacer | 241 A 10730 |
| 15 | M3 Front / Threaded rear spacer | 242 A 10740 X | 15 | M3 Front / Threaded rear spacer | 241 A 10740 |
| 25 | M3 Front / Threaded rear spacer | 242 A 10750 X | 25 | M3 Front / Threaded rear spacer | 241 A 10750 |
| 37 | M3 Front / Threaded rear spacer | 242 A 10760 X | 37 | M3 Front / Threaded rear spacer | 241 A 10760 |
| 50 | M3 Front / Threaded rear spacer | 242 A 15760 X | 50 | M3 Front / Threaded rear spacer | 241 A 15870 |
| Canaci | tance 830 pF | | | · | |
| | | | | | |
| Socket connector | | PLUG CONN | ECTOR | | |
| No. of pos. | Mounting style | Part Number | No. of pos. | Mounting style | Part Number |
| 09 | 4-40 UNC Threaded rear spacer | 242 A 10450 X | 09 | 4-40 UNC Threaded rear spacer | 241 A 10450 |
| 15 | 4-40 UNC Threaded rear spacer | 242 A 10460 X | 15 | 4-40 UNC Threaded rear spacer | 241 A 10460 |
| 25 | 4-40 UNC Threaded rear spacer | 242 A 10470 X | 25 | 4-40 UNC Threaded rear spacer | 241 A 10470 |
| 37 | 4-40 UNC Threaded rear spacer | 242 A 10480 X | 37 | 4-40 UNC Threaded rear spacer | 241 A 10480 |
| 50 | 4-40 UNC Threaded rear spacer | 242 A 15690 X | 50 | 4-40 UNC Threaded rear spacer | 241 A 15800 |
| 09 15 | M3 Threaded rear spacer | 242 A 10570 X | 09 | M3 Threaded rear spacer | 241 A 10570 |
| 15 25 | M3 Threaded rear spacer M3 Threaded rear spacer | 242 A 10580 X 242 A 10590 X | 15 25 | M3 Threaded rear spacer M3 Threaded rear spacer | 241 A 10580 241 A 10590 |
| 37 | M3 Threaded rear spacer | 242 A 10600 X | 37 | M3 Threaded rear spacer | 241 A 10600 |
| 50 | M3 Threaded rear spacer | 242 A 15720 X | 50 | M3 Threaded rear spacer | 241 A 15830 |
| 09 | 4-40 UNC Front / Threaded rear spacer | 242 A 10690 X | 09 | 4-40 UNC Front / Threaded rear spacer | 241 A 10690 |
| 15 | 4-40 UNC Front / Threaded rear spacer | 242 A 10700 X | 15 | 4-40 UNC Front / Threaded rear spacer | 241 A 10700 |
| 25 | 4-40 UNC Front / Threaded rear spacer | 242 A 10710 X | 25 | 4-40 UNC Front / Threaded rear spacer | 241 A 10710 |
| 37 | 4-40 UNC Front / Threaded rear spacer | 242 A 10720 X | 37 | 4-40 UNC Front / Threaded rear spacer | 241 A 10720 |
| 50 | 4-40 UNC Front / Threaded rear spacer | 242 A 15750 X | 50 | 4-40 UNC Front / Threaded rear spacer | 241 A 15860 |
| 09 | M3 Front / Threaded rear spacer | 242 A 10810 X | 09 | M3 Front / Threaded rear spacer | 241 A 10810 |
| 15 | M3 Front / Threaded rear spacer | 242 A 10820 X | 15 | M3 Front / Threaded rear spacer | 241 A 10820 |
| 25 | M3 Front / Threaded rear spacer | 242 A 10830 X | 25 | M3 Front / Threaded rear spacer | 241 A 10830 |
| 37 | M3 Front / Threaded rear spacer | 242 A 10840 X | 37 | M3 Front / Threaded rear spacer M3 Front / Threaded rear spacer | 241 A 10840 241 A 15890 |
| 50 | M3 Front / Threaded rear spacer | 242 A 15780 X | 50 | M3 Front / Threaded rear spacer | 241 A 15890 |
| Capaci | tance 1300 pF | | | | |
| OCKET CON | NECTOR | | PLUG CONN | ECTOR | |
| lo. of pos. | Mounting style | Part Number | No. of pos. | Mounting style | Part Number |
| 09 | 4-40 UNC Threaded rear spacer | 242 A 10410 X | 09 | 4-40 UNC Threaded rear spacer | 241 A 10410 |
| 15 | 4-40 UNC Threaded rear spacer | 242 A 10420 X | 15 | 4-40 UNC Threaded rear spacer | 241 A 10420 |
| 25 | 4-40 UNC Threaded rear spacer | 242 A 10430 X | 25 | 4-40 UNC Threaded rear spacer | 241 A 10430 |
| 37 | 4-40 UNC Threaded rear spacer | 242 A 10440 X | 37 | 4-40 UNC Threaded rear spacer | 241 A 10440 |
| 50 | 4-40 UNC Threaded rear spacer | 242 A 15680 X | 50 | 4-40 UNC Threaded rear spacer | 241 A 15790 |
| 09 | M3 Threaded rear spacer | 242 A 10530 X | 09 | M3 Threaded rear spacer | 241 A 10530 |
| 15 | M3 Threaded rear spacer | 242 A 10540 X | 15 | M3 Threaded rear spacer | 241 A 10540 |
| 25 37 | M3 Threaded rear spacer | 242 A 10550 X | 25 37 | M3 Threaded rear spacer | 241 A 10550 241 A 10560 |
| 37 50 | M3 Threaded rear spacer M3 Threaded rear spacer | 242 A 10560 X 242 A 15710 X | 37 50 | M3 Threaded rear spacer M3 Threaded rear spacer | 241 A 10560 241 A 15820 |
| 09 | 4-40 UNC Front / Threaded rear spacer | 242 A 10650 X | 09 | 4-40 UNC Front / Threaded rear spacer | 241 A 19620 |
| 15 | 4-40 UNC Front / Threaded rear spacer | 242 A 10650 X | 15 | 4-40 UNC Front / Threaded rear spacer 4-40 UNC Front / Threaded rear spacer | 241 A 10650 |
| 25 | 4-40 UNC Front / Threaded rear spacer | 242 A 10660 X | 25 | 4-40 UNC Front / Threaded rear spacer | 241 A 10660 |
| 37 | 4-40 UNC Front / Threaded rear spacer | 242 A 10680 X | 37 | 4-40 UNC Front / Threaded rear spacer | 241 A 10680 |
| 50 | 4-40 UNC Front / Threaded rear spacer | 242 A 15740 X | 50 | 4-40 UNC Front / Threaded rear spacer | 241 A 15850 |
| 09 | M3 Front / Threaded rear spacer | 242 A 10770 X | 09 | M3 Front / Threaded rear spacer | 241 A 10770 |
| 15 | M3 Front / Threaded rear spacer | 242 A 10780 X | 15 | M3 Front / Threaded rear spacer | 241 A 10780 |
| 25 | M3 Front / Threaded rear spacer | 242 A 10790 X | 25 | M3 Front / Threaded rear spacer | 241 A 10790 |
| | | 242 A 10800 X | 37 | M3 Front / Threaded rear spacer | 241 A 10800 |
| 37 50 | M3 Front / Threaded rear spacer M3 Front / Threaded rear spacer | 242 A 10000 X | 50 | M3 Front / Threaded rear spacer | 241 A 15880 |

242 A 15770 X

50

M3 Front / Threaded rear spacer

M3 Front / Threaded rear spacer

241 A 15880 X

Mouser Electronics

Authorized Distributor

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CONEC:

| 241A10610X 242 | A10430X 241 | IA15790X 2 | 241A10680X | 241A10770X | 241A10780X | 241A10810X | 241A10720X |
|-----------------|---------------------|------------|------------|------------|------------|------------|------------|
| 241A10760X 241A | 10550X 241 <i>A</i> | A10620X 24 | 1A10400X | 241A10730X | 241A10590X | 241A10410X | 241A10660X |
| 241A10670X 241A | 10630X 241 <i>A</i> | A10640X 24 | 2A16230X | 242A16310X | 242A16320X | 242A16400X | 242A15740X |
| 242A15750X 242A | 16240X 242A | A15680X 24 | 2A15690X | 242A15760X | 242A15770X | 242A16270X | 242A16280X |
| 242A16210X 242A | 16380X 242A | A15720X 24 | 2A15730X | 242A16220X | 242A16390X | 242A16260X | 242A16330X |
| 242A16340X 242A | 10530X 242A | \10710X 24 | 2A10790X | 242A15700X | 242A16290X | 242A10460X | 242A10510X |
| 242A10520X 242A | 10590X 242A | \10600X 24 | 2A10690X | 242A10760X | 242A16350X | 242A16360X | 242A10370X |
| 242A10540X 242A | 10700X 242A | 10680X 24 | 2A10770X | 242A10380X | 242A10390X | 242A10550X | 242A10630X |
| 242A10720X 242A | 15710X 242 <i>A</i> | A15780X 24 | 2A16300X | 242A16370X | 242A10490X | 242A10500X | 242A10570X |
| 242A10580X 242A | 10660X 242 <i>A</i> | A10450X 24 | 2A10620X | 242A10780X | 242A10470X | 242A10730X | 242A10800X |
| 242A10810X 242A | 10400X 242 <i>F</i> | 10750X 24 | 2A10820X | 242A10830X | 242A10440X | 242A10670X | 242A10840X |
| 242A10650X 242A | 16250X 242 <i>F</i> | 10560X 24 | 1A18900X | 241A18860X | 241A18870X | 241A18890X | 241A10750X |
| 241A18850X 241A | 18960X 241 <i>A</i> | 15850X 24 | 1A18950X | | | | |