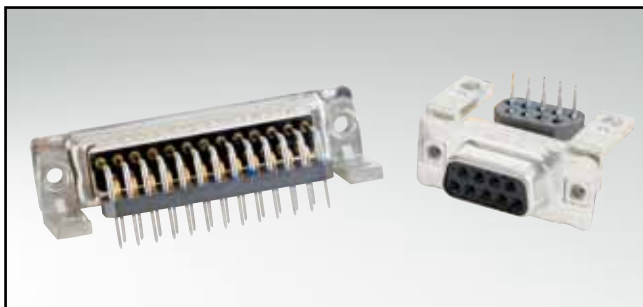


LC-FILTER D-SUB STANDARD

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

DESCRIPTION

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

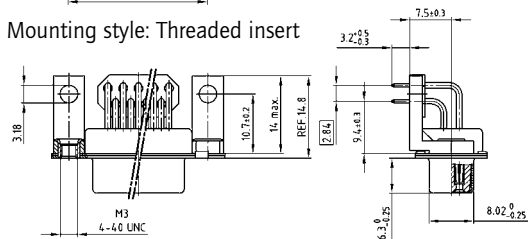
SOCKET CONNECTOR



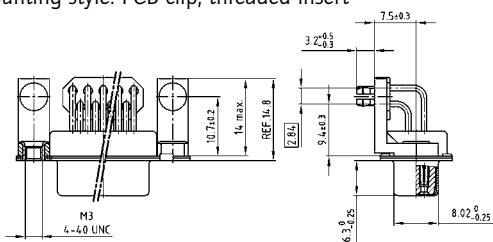
| No. of pos. | A -0.76 | B -0.25 | C |
|-------------|---------|---------|---|
| 09 | 31.19 | 16.46 | 25.00 ^{+0.12} / _{-0.13} |
| 15 | 39.52 | 24.79 | 33.30 ^{+0.15} / _{-0.10} |
| 25 | 53.42 | 38.50 | 47.04 ^{+0.13} |
| 37 | 69.70 | 54.96 | 63.50 ^{+0.13} |

PCB layout: Kat1kGGA

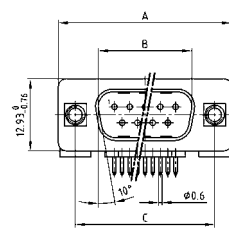
Mounting style: Threaded insert



Mounting style: PCB clip, threaded insert



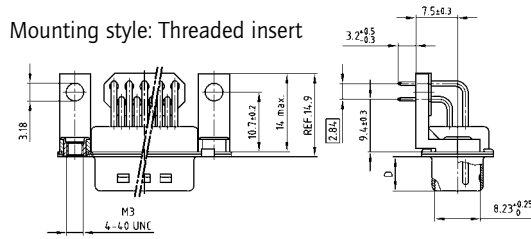
PLUG CONNECTOR



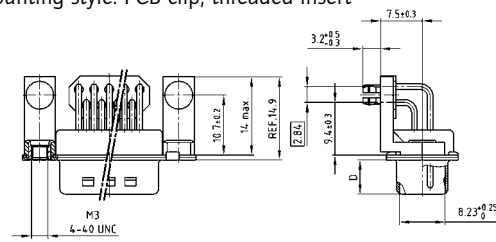
| No. of pos. | A -0.76 | B +0.25 | C | D -0.3 |
|-------------|---------|---------|---|--------|
| 09 | 31.19 | 16.79 | 25.00 ^{+0.12} / _{-0.13} | 6.12 |
| 15 | 39.52 | 25.12 | 33.30 ^{+0.15} / _{-0.10} | 6.12 |
| 25 | 53.42 | 38.84 | 47.04 ^{+0.13} | 5.99 |
| 37 | 69.70 | 55.30 | 63.50 ^{+0.13} |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

PCB layout: Kat1kGHA

Mounting style: Threaded insert



Mounting style: PCB clip, threaded insert



ORDER DATA

Capacitance 180 pF

SOCKET CONNECTOR

| No. of pos. | Mounting style | Part Number |
|-------------|-------------------------------------|---------------|
| 09 | 4-40 UNC Threaded insert | 242 A 24980 X |
| 15 | 4-40 UNC Threaded insert | 242 A 24990 X |
| 25 | 4-40 UNC Threaded insert | 242 A 25000 X |
| 37 | 4-40 UNC Threaded insert | 242 A 25010 X |
| 09 | M3 Threaded insert | 242 A 25140 X |
| 15 | M3 Threaded insert | 242 A 25150 X |
| 25 | M3 Threaded insert | 242 A 25160 X |
| 37 | M3 Threaded insert | 242 A 25170 X |
| 09 | PCB clip / 4-40 UNC Threaded insert | 242 A 25300 X |
| 15 | PCB clip / 4-40 UNC Threaded insert | 242 A 25310 X |
| 25 | PCB clip / 4-40 UNC Threaded insert | 242 A 25320 X |
| 37 | PCB clip / 4-40 UNC Threaded insert | 242 A 25330 X |
| 09 | PCB clip / M3 Threaded insert | 242 A 25460 X |
| 15 | PCB clip / M3 Threaded insert | 242 A 25470 X |
| 25 | PCB clip / M3 Threaded insert | 242 A 25480 X |
| 37 | PCB clip / M3 Threaded insert | 242 A 25490 X |

PLUG CONNECTOR

| No. of pos. | Mounting style | Part Number |
|-------------|-------------------------------------|---------------|
| 09 | 4-40 UNC Threaded insert | 241 A 25080 X |
| 15 | 4-40 UNC Threaded insert | 241 A 25090 X |
| 25 | 4-40 UNC Threaded insert | 241 A 25100 X |
| 37 | 4-40 UNC Threaded insert | 241 A 25110 X |
| 09 | M3 Threaded insert | 241 A 25240 X |
| 15 | M3 Threaded insert | 241 A 25250 X |
| 25 | M3 Threaded insert | 241 A 25260 X |
| 37 | M3 Threaded insert | 241 A 25270 X |
| 09 | PCB clip / 4-40 UNC Threaded insert | 241 A 25400 X |
| 15 | PCB clip / 4-40 UNC Threaded insert | 241 A 25410 X |
| 25 | PCB clip / 4-40 UNC Threaded insert | 241 A 25420 X |
| 37 | PCB clip / 4-40 UNC Threaded insert | 241 A 25430 X |
| 09 | PCB clip / M3 Threaded insert | 241 A 25560 X |
| 15 | PCB clip / M3 Threaded insert | 241 A 25570 X |
| 25 | PCB clip / M3 Threaded insert | 241 A 25580 X |
| 37 | PCB clip / M3 Threaded insert | 241 A 25590 X |

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

LC-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 | 4-40 UNC Threaded insert | 242 A 25020 X | 09 | 4-40 UNC Threaded insert | 241 A 25120 X |
| 15 | 4-40 UNC Threaded insert | 242 A 25030 X | 15 | 4-40 UNC Threaded insert | 241 A 25130 X |
| 25 | 4-40 UNC Threaded insert | 242 A 25040 X | 25 | 4-40 UNC Threaded insert | 241 A 25140 X |
| 37 | 4-40 UNC Threaded insert | 242 A 25050 X | 37 | 4-40 UNC Threaded insert | 241 A 25150 X |
| 09 | M3 Threaded insert | 242 A 25180 X | 09 | M3 Threaded insert | 241 A 25280 X |
| 15 | M3 Threaded insert | 242 A 25190 X | 15 | M3 Threaded insert | 241 A 25290 X |
| 25 | M3 Threaded insert | 242 A 25200 X | 25 | M3 Threaded insert | 241 A 25300 X |
| 37 | M3 Threaded insert | 242 A 25210 X | 37 | M3 Threaded insert | 241 A 25310 X |
| 09 | PCB clip / 4-40 UNC Threaded insert | 242 A 25340 X | 09 | PCB clip / 4-40 UNC Threaded insert | 241 A 25440 X |
| 15 | PCB clip / 4-40 UNC Threaded insert | 242 A 25350 X | 15 | PCB clip / 4-40 UNC Threaded insert | 241 A 25450 X |
| 25 | PCB clip / 4-40 UNC Threaded insert | 242 A 25360 X | 25 | PCB clip / 4-40 UNC Threaded insert | 241 A 25460 X |
| 37 | PCB clip / 4-40 UNC Threaded insert | 242 A 25370 X | 37 | PCB clip / 4-40 UNC Threaded insert | 241 A 25470 X |
| 09 | PCB clip / M3 Threaded insert | 242 A 25500 X | 09 | PCB clip / M3 Threaded insert | 241 A 25600 X |
| 15 | PCB clip / M3 Threaded insert | 242 A 25510 X | 15 | PCB clip / M3 Threaded insert | 241 A 25610 X |
| 25 | PCB clip / M3 Threaded insert | 242 A 25520 X | 25 | PCB clip / M3 Threaded insert | 241 A 25620 X |
| 37 | PCB clip / M3 Threaded insert | 242 A 25530 X | 37 | PCB clip / M3 Threaded insert | 241 A 25630 X |

Capacitance 830 pF

| SOCKET CONNECTOR | | | PLUG CONNECTOR | | |
|------------------|-------------------------------------|---------------|----------------|-------------------------------------|---------------|
| No. of pos. | Mounting style | Part Number | No. of pos. | Mounting style | Part Number |
| 09 | 4-40 UNC Threaded insert | 242 A 25060 X | 09 | 4-40 UNC Threaded insert | 241 A 25160 X |
| 15 | 4-40 UNC Threaded insert | 242 A 25070 X | 15 | 4-40 UNC Threaded insert | 241 A 25170 X |
| 25 | 4-40 UNC Threaded insert | 242 A 25080 X | 25 | 4-40 UNC Threaded insert | 241 A 25180 X |
| 37 | 4-40 UNC Threaded insert | 242 A 25090 X | 37 | 4-40 UNC Threaded insert | 241 A 25190 X |
| 09 | M3 Threaded insert | 242 A 25220 X | 09 | M3 Threaded insert | 241 A 25320 X |
| 15 | M3 Threaded insert | 242 A 25230 X | 15 | M3 Threaded insert | 241 A 25330 X |
| 25 | M3 Threaded insert | 242 A 25240 X | 25 | M3 Threaded insert | 241 A 25340 X |
| 37 | M3 Threaded insert | 242 A 25250 X | 37 | M3 Threaded insert | 241 A 25350 X |
| 09 | PCB clip / 4-40 UNC Threaded insert | 242 A 25380 X | 09 | PCB clip / 4-40 UNC Threaded insert | 241 A 25480 X |
| 15 | PCB clip / 4-40 UNC Threaded insert | 242 A 25390 X | 15 | PCB clip / 4-40 UNC Threaded insert | 241 A 25490 X |
| 25 | PCB clip / 4-40 UNC Threaded insert | 242 A 25400 X | 25 | PCB clip / 4-40 UNC Threaded insert | 241 A 25500 X |
| 37 | PCB clip / 4-40 UNC Threaded insert | 242 A 25410 X | 37 | PCB clip / 4-40 UNC Threaded insert | 241 A 25510 X |
| 09 | PCB clip / M3 Threaded insert | 242 A 25540 X | 09 | PCB clip / M3 Threaded insert | 241 A 25640 X |
| 15 | PCB clip / M3 Threaded insert | 242 A 25550 X | 15 | PCB clip / M3 Threaded insert | 241 A 25650 X |
| 25 | PCB clip / M3 Threaded insert | 242 A 25560 X | 25 | PCB clip / M3 Threaded insert | 241 A 25660 X |
| 37 | PCB clip / M3 Threaded insert | 242 A 25570 X | 37 | PCB clip / M3 Threaded insert | 241 A 25670 X |

Capacitance 1300 pF

| SOCKET CONNECTOR | | | PLUG CONNECTOR | | |
|------------------|-------------------------------------|---------------|----------------|-------------------------------------|---------------|
| No. of pos. | Mounting style | Part Number | No. of pos. | Mounting style | Part Number |
| 09 | 4-40 UNC Threaded insert | 242 A 25100 X | 09 | 4-40 UNC Threaded insert | 241 A 25200 X |
| 15 | 4-40 UNC Threaded insert | 242 A 25110 X | 15 | 4-40 UNC Threaded insert | 241 A 25210 X |
| 25 | 4-40 UNC Threaded insert | 242 A 25120 X | 25 | 4-40 UNC Threaded insert | 241 A 25220 X |
| 37 | 4-40 UNC Threaded insert | 242 A 25130 X | 37 | 4-40 UNC Threaded insert | 241 A 25230 X |
| 09 | M3 Threaded insert | 242 A 25260 X | 09 | M3 Threaded insert | 241 A 25360 X |
| 15 | M3 Threaded insert | 242 A 25270 X | 15 | M3 Threaded insert | 241 A 25370 X |
| 25 | M3 Threaded insert | 242 A 25280 X | 25 | M3 Threaded insert | 241 A 25380 X |
| 37 | M3 Threaded insert | 242 A 25290 X | 37 | M3 Threaded insert | 241 A 25390 X |
| 09 | PCB clip / 4-40 UNC Threaded insert | 242 A 25420 X | 09 | PCB clip / 4-40 UNC Threaded insert | 241 A 25520 X |
| 15 | PCB clip / 4-40 UNC Threaded insert | 242 A 25430 X | 15 | PCB clip / 4-40 UNC Threaded insert | 241 A 25530 X |
| 25 | PCB clip / 4-40 UNC Threaded insert | 242 A 25440 X | 25 | PCB clip / 4-40 UNC Threaded insert | 241 A 25540 X |
| 37 | PCB clip / 4-40 UNC Threaded insert | 242 A 25450 X | 37 | PCB clip / 4-40 UNC Threaded insert | 241 A 25550 X |
| 09 | PCB clip / M3 Threaded insert | 242 A 25580 X | 09 | PCB clip / M3 Threaded insert | 241 A 25680 X |
| 15 | PCB clip / M3 Threaded insert | 242 A 25590 X | 15 | PCB clip / M3 Threaded insert | 241 A 25690 X |
| 25 | PCB clip / M3 Threaded insert | 242 A 25600 X | 25 | PCB clip / M3 Threaded insert | 241 A 25700 X |
| 37 | PCB clip / M3 Threaded insert | 242 A 25610 X | 37 | PCB clip / M3 Threaded insert | 241 A 25710 X |

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

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| <u>241A25710X</u> | <u>241A25250X</u> | <u>241A25570X</u> | <u>241A25110X</u> | <u>241A25200X</u> | <u>241A25460X</u> | <u>241A25530X</u> | <u>241A25540X</u> |
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| <u>241A25260X</u> | <u>241A25340X</u> | <u>241A25520X</u> | <u>241A25590X</u> | <u>241A25210X</u> | <u>241A25280X</u> | <u>241A25290X</u> | <u>241A25380X</u> |
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| <u>241A25640X</u> | <u>241A25080X</u> | <u>241A25600X</u> | <u>241A25610X</u> | <u>241A25160X</u> | <u>241A25240X</u> | <u>241A25410X</u> | <u>241A25420X</u> |
| <u>241A25500X</u> | <u>241A25580X</u> | <u>241A25660X</u> | <u>241A25230X</u> | <u>241A25390X</u> | <u>241A25480X</u> | <u>241A25560X</u> | <u>241A25650X</u> |
| <u>241A25090X</u> | <u>241A25100X</u> | <u>241A25180X</u> | <u>241A25440X</u> | <u>242A25010X</u> | <u>242A25100X</u> | <u>242A25180X</u> | <u>242A25510X</u> |
| <u>242A25610X</u> | <u>242A25150X</u> | <u>242A25220X</u> | <u>242A25230X</u> | <u>242A25300X</u> | <u>242A25390X</u> | <u>242A25090X</u> | <u>242A25260X</u> |
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| <u>242A25110X</u> | <u>242A25210X</u> | <u>242A25380X</u> | <u>242A25460X</u> | | | | |