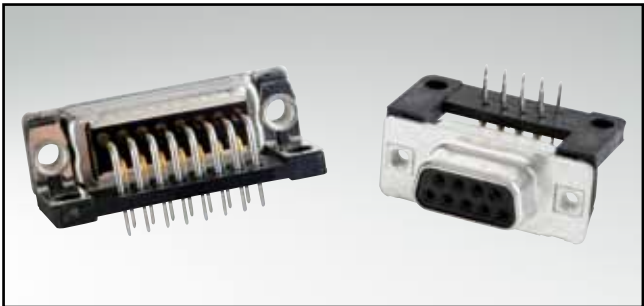


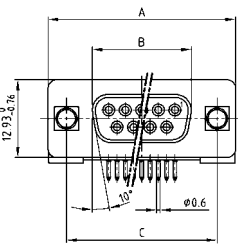
C-FILTER D-SUB STANDARD

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



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

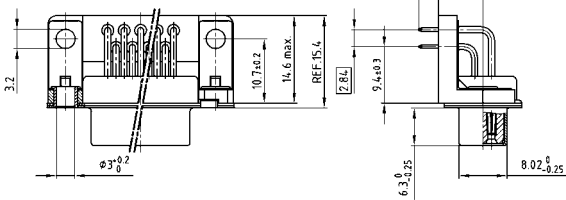
SOCKET CONNECTOR



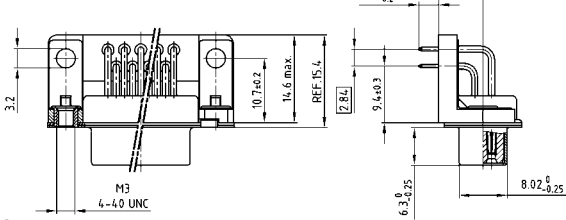
| No. of pos. | A -0.76 | B -0.25 | C                                         |
|-------------|---------|---------|-------------------------------------------|
| 09          | 31.19   | 16.46   | 25.00 <sup>+0.12</sup> / <sub>-0.13</sub> |
| 15          | 39.52   | 24.79   | 33.30 <sup>+0.15</sup> /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

PCB layout: Kat1kGA

Mounting style: Through-hole



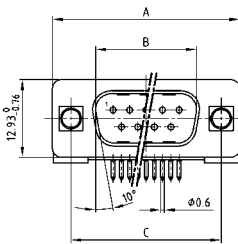
Mounting style: Threaded insert



DESCRIPTION

- Mounting styles:
  - Mounting bracket, grounding strap with through-hole Ø .118" / 3.0 mm
  - Mounting bracket, grounding strap with 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)

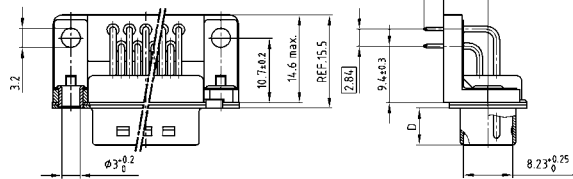
PLUG CONNECTOR



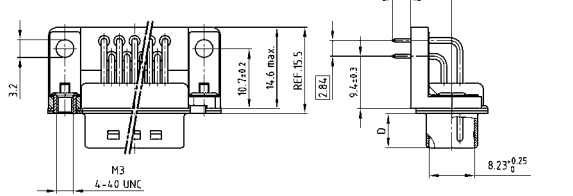
| No. of pos. | A -0.76 | B +0.25 | C                                         | D -0.3 |
|-------------|---------|---------|-------------------------------------------|--------|
| 09          | 31.19   | 16.79   | 25.00 <sup>+0.12</sup> / <sub>-0.13</sub> | 6.12   |
| 15          | 39.52   | 25.12  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

PCB layout: Kat1kGHA

Mounting style: Through-hole



Mounting style: Threaded insert



ORDER DATA

Capacitance 180 pF

| SOCKET CONNECTOR |                                            |               |
|------------------|--------------------------------------------|---------------|
| No. of pos.      | Mounting style                             | Part Number   |
| 09               | Through-hole                               | 242 A 16780 X |
| 15               | Through-hole                               | 242 A 16790 X |
| 25               | Through-hole                               | 242 A 16800 X |
| 37               | Through-hole                               | 242 A 16810 X |
| 09               | Grounding strap / 4-40 UNC Threaded insert | 242 A 16820 X |
| 15               | Grounding strap / 4-40 UNC Threaded insert | 242 A 16830 X |
| 25               | Grounding strap / 4-40 UNC Threaded insert | 242 A 16840 X |
| 37               | Grounding strap / 4-40 UNC Threaded insert | 242 A 16850 X |
| 09               | Grounding strap / M3 Threaded insert       | 242 A 16860 X |
| 15               | Grounding strap / M3 Threaded insert       | 242 A 16870 X |
| 25               | Grounding strap / M3 Threaded insert       | 242 A 16880 X |
| 37               | Grounding strap / M3 Threaded insert       | 242 A 16890 X |

| PLUG CONNECTOR |                                            |               |
|----------------|--------------------------------------------|---------------|
| No. of pos.    | Mounting style                             | Part Number   |
| 09             | Through-hole                               | 241 A 19400 X |
| 15             | Through-hole                               | 241 A 19410 X |
| 25             | Through-hole                               | 241 A 19420 X |
| 37             | Through-hole                               | 241 A 19430 X |
| 09             | Grounding strap / 4-40 UNC Threaded insert | 241 A 19440 X |
| 15             | Grounding strap / 4-40 UNC Threaded insert | 241 A 19450 X |
| 25             | Grounding strap / 4-40 UNC Threaded insert | 241 A 19460 X |
| 37             | Grounding strap / 4-40 UNC Threaded insert | 241 A 19470 X |
| 09             | Grounding strap / M3 Threaded insert       | 241 A 19480 X |
| 15             | Grounding strap / M3 Threaded insert       | 241 A 19490 X |
| 25             | Grounding strap / M3 Threaded insert       | 241 A 19500 X |
| 37             | Grounding strap / M3 Threaded insert       | 241 A 19510 X |

# C-FILTER D-SUB STANDARD

Solder pin – Angled – .370" / 9.4 mm – Precision machined contacts – Plastic 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               | Through-hole                               | 242 A 10970 X | 09             | Through-hole                               | 241 A 10970 X |
| 15               | Through-hole                               | 242 A 10980 X | 15             | Through-hole                               | 241 A 10980 X |
| 25               | Through-hole                               | 242 A 10990 X | 25             | Through-hole                               | 241 A 10990 X |
| 37               | Through-hole                               | 242 A 11000 X | 37             | Through-hole                               | 241 A 11000 X |
| 09               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11090 X | 09             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11090 X |
| 15               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11100 X | 15             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11100 X |
| 25               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11110 X | 25             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11110 X |
| 37               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11120 X | 37             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11120 X |
| 09               | Grounding strap / M3 Threaded insert       | 242 A 11210 X | 09             | Grounding strap / M3 Threaded insert       | 241 A 11210 X |
| 15               | Grounding strap / M3 Threaded insert       | 242 A 11220 X | 15             | Grounding strap / M3 Threaded insert       | 241 A 11220 X |
| 25               | Grounding strap / M3 Threaded insert       | 242 A 11230 X | 25             | Grounding strap / M3 Threaded insert       | 241 A 11230 X |
| 37               | Grounding strap / M3 Threaded insert       | 242 A 11240 X | 37             | Grounding strap / M3 Threaded insert       | 241 A 11240 X |

### Capacitance 830 pF

| SOCKET CONNECTOR |                                            |               | PLUG CONNECTOR |                                            |               |
|------------------|--------------------------------------------|---------------|----------------|--------------------------------------------|---------------|
| No. of pos.      | Mounting style                             | Part Number   | No. of pos.    | Mounting style                             | Part Number   |
| 09               | Through-hole                               | 242 A 11050 X | 09             | Through-hole                               | 241 A 11050 X |
| 15               | Through-hole                               | 242 A 11060 X | 15             | Through-hole                               | 241 A 11060 X |
| 25               | Through-hole                               | 242 A 11070 X | 25             | Through-hole                               | 241 A 11070 X |
| 37               | Through-hole                               | 242 A 11080 X | 37             | Through-hole                               | 241 A 11080 X |
| 09               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11170 X | 09             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11170 X |
| 15               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11180 X | 15             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11180 X |
| 25               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11190 X | 25             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11190 X |
| 37               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11200 X | 37             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11200 X |
| 09               | Grounding strap / M3 Threaded insert       | 242 A 11290 X | 09             | Grounding strap / M3 Threaded insert       | 241 A 11290 X |
| 15               | Grounding strap / M3 Threaded insert       | 242 A 11300 X | 15             | Grounding strap / M3 Threaded insert       | 241 A 11300 X |
| 25               | Grounding strap / M3 Threaded insert       | 242 A 11310 X | 25             | Grounding strap / M3 Threaded insert       | 241 A 11310 X |
| 37               | Grounding strap / M3 Threaded insert       | 242 A 11320 X | 37             | Grounding strap / M3 Threaded insert       | 241 A 11320 X |

### Capacitance 1300 pF

| SOCKET CONNECTOR |                                            |               | PLUG CONNECTOR |                                            |               |
|------------------|--------------------------------------------|---------------|----------------|--------------------------------------------|---------------|
| No. of pos.      | Mounting style                             | Part Number   | No. of pos.    | Mounting style                             | Part Number   |
| 09               | Through-hole                               | 242 A 11010 X | 09             | Through-hole                               | 241 A 11010 X |
| 15               | Through-hole                               | 242 A 11020 X | 15             | Through-hole                               | 241 A 11020 X |
| 25               | Through-hole                               | 242 A 11030 X | 25             | Through-hole                               | 241 A 11030 X |
| 37               | Through-hole                               | 242 A 11040 X | 37             | Through-hole                               | 241 A 11040 X |
| 09               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11130 X | 09             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11130 X |
| 15               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11140 X | 15             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11140 X |
| 25               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11150 X | 25             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11150 X |
| 37               | Grounding strap / 4-40 UNC Threaded insert | 242 A 11160 X | 37             | Grounding strap / 4-40 UNC Threaded insert | 241 A 11160 X |
| 09               | Grounding strap / M3 Threaded insert       | 242 A 11250 X | 09             | Grounding strap / M3 Threaded insert       | 241 A 11250 X |
| 15               | Grounding strap / M3 Threaded insert       | 242 A 11260 X | 15             | Grounding strap / M3 Threaded insert       | 241 A 11260 X |
| 25               | Grounding strap / M3 Threaded insert       | 242 A 11270 X | 25             | Grounding strap / M3 Threaded insert       | 241 A 11270 X |
| 37               | Grounding strap / M3 Threaded insert       | 242 A 11280 X | 37             | Grounding strap / M3 Threaded insert       | 241 A 11280 X |