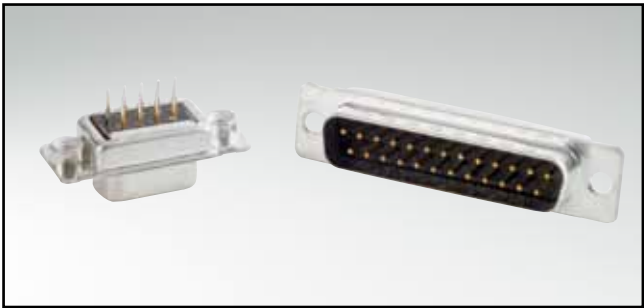


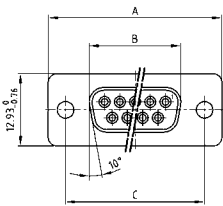
C-FILTER D-SUB STANDARD

Solder pin – Straight – Precision machined contacts



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

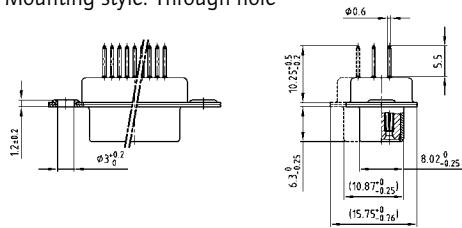
SOCKET CONNECTOR



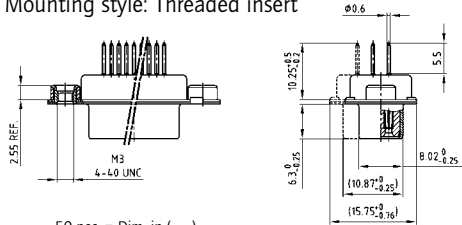
| No. of pos. | A -0.76 | B -0.25 | C                                       |
|-------------|---------|---------|-----------------------------------------|
| 09          | 31.19   | 16.46   | 25.00 <sup>+0.12</sup> <sub>-0.13</sub> |
| 15          | 39.52   | 24.79   | 33.30 <sup>+0.15</sup> <sub>-0.10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

PCB layout: Kat1kFUA

Mounting style: Through-hole



Mounting style: Threaded insert

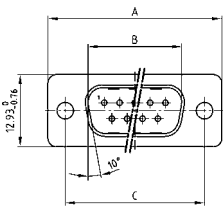


50 pos. = Dim. in ( \_ )

DESCRIPTION

- Mounting styles:
  - with through-hole, Ø .118"/3 mm
  - 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)

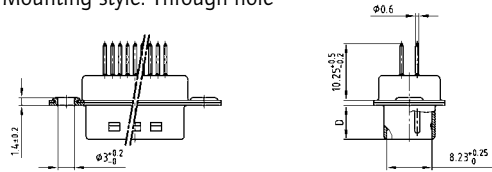
PLUG CONNECTOR



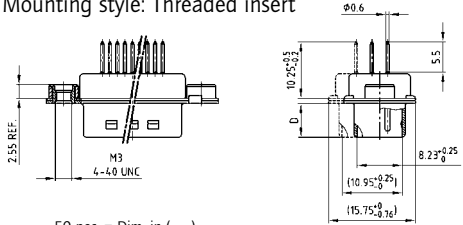
| No. of pos. | A -0.76 | B +0.25 | C                                       | D -0.3 |
|-------------|---------|---------|-----------------------------------------|--------|
| 09          | 31.19   | 16.79   | 25.00 <sup>+0.12</sup> <sub>-0.13</sub> | 6.12   |
| 15          | 39.52   | 25.12   | 33.30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

PCB layout: Kat1kFUA

Mounting style: Through-hole



Mounting style: Threaded insert



50 pos. = Dim. in ( \_ )

ORDER DATA

Capacitance 180 pF

| SOCKET CONNECTOR |                          |               |
|------------------|--------------------------|---------------|
| No. of pos.      | Mounting style           | Part Number   |
| 09               | Through-hole             | 242 A 16060 X |
| 15               | Through-hole             | 242 A 16070 X |
| 25               | Through-hole             | 242 A 16080 X |
| 37               | Through-hole             | 242 A 16090 X |
| 50               | Through-hole             | 242 A 16100 X |
| 09               | 4-40 UNC Threaded insert | 242 A 16110 X |
| 15               | 4-40 UNC Threaded insert | 242 A 16120 X |
| 25               | 4-40 UNC Threaded insert | 242 A 16130 X |
| 37               | 4-40 UNC Threaded insert | 242 A 16140 X |
| 50               | 4-40 UNC Threaded insert | 242 A 16150 X |
| 09               | M3 Threaded insert       | 242 A 16160 X |
| 15               | M3 Threaded insert       | 242 A 16170 X |
| 25               | M3 Threaded insert       | 242 A 16180 X |
| 37               | M3 Threaded insert       | 242 A 16190 X |
| 50               | M3 Threaded insert       | 242 A 16200 X |

| PLUG CONNECTOR |                          |               |
|----------------|--------------------------|---------------|
| No. of pos.    | Mounting style           | Part Number   |
| 09             | Through-hole             | 241 A 18680 X |
| 15             | Through-hole             | 241 A 18690 X |
| 25             | Through-hole             | 241 A 18700 X |
| 37             | Through-hole             | 241 A 18710 X |
| 50             | Through-hole             | 241 A 18720 X |
| 09             | 4-40 UNC Threaded insert | 241 A 18730 X |
| 15             | 4-40 UNC Threaded insert | 241 A 18740 X |
| 25             | 4-40 UNC Threaded insert | 241 A 18750 X |
| 37             | 4-40 UNC Threaded insert | 241 A 18760 X |
| 50             | 4-40 UNC Threaded insert | 241 A 18770 X |
| 09             | M3 Threaded insert       | 241 A 18780 X |
| 15             | M3 Threaded insert       | 241 A 18790 X |
| 25             | M3 Threaded insert       | 241 A 18800 X |
| 37             | M3 Threaded insert       | 241 A 18810 X |
| 50             | M3 Threaded insert       | 241 A 18820 X |

# C-FILTER D-SUB STANDARD

Solder pin – Straight – Precision machined contacts

## 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 10010 X | 09             | Through-hole             | 241 A 10010 X |
| 15               | Through-hole             | 242 A 10020 X | 15             | Through-hole             | 241 A 10020 X |
| 25               | Through-hole             | 242 A 10030 X | 25             | Through-hole             | 241 A 10030 X |
| 37               | Through-hole             | 242 A 10040 X | 37             | Through-hole             | 241 A 10040 X |
| 50               | Through-hole             | 242 A 15580 X | 50             | Through-hole             | 241 A 15690 X |
| 09               | 4-40 UNC Threaded insert | 242 A 10130 X | 09             | 4-40 UNC Threaded insert | 241 A 10130 X |
| 15               | 4-40 UNC Threaded insert | 242 A 10140 X | 15             | 4-40 UNC Threaded insert | 241 A 10140 X |
| 25               | 4-40 UNC Threaded insert | 242 A 10150 X | 25             | 4-40 UNC Threaded insert | 241 A 10150 X |
| 37               | 4-40 UNC Threaded insert | 242 A 10160 X | 37             | 4-40 UNC Threaded insert | 241 A 10160 X |
| 50               | 4-40 UNC Threaded insert | 242 A 15610 X | 50             | 4-40 UNC Threaded insert | 241 A 15720 X |
| 09               | M3 Threaded insert       | 242 A 10250 X | 09             | M3 Threaded insert       | 241 A 10250 X |
| 15               | M3 Threaded insert       | 242 A 10260 X | 15             | M3 Threaded insert       | 241 A 10260 X |
| 25               | M3 Threaded insert       | 242 A 10270 X | 25             | M3 Threaded insert       | 241 A 10270 X |
| 37               | M3 Threaded insert       | 242 A 10280 X | 37             | M3 Threaded insert       | 241 A 10280 X |
| 50               | M3 Threaded insert       | 242 A 15640 X | 50             | M3 Threaded insert       | 241 A 15750 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 10090 X | 09             | Through-hole             | 241 A 10090 X |
| 15               | Through-hole             | 242 A 10100 X | 15             | Through-hole             | 241 A 10100 X |
| 25               | Through-hole             | 242 A 10110 X | 25             | Through-hole             | 241 A 10110 X |
| 37               | Through-hole             | 242 A 10120 X | 37             | Through-hole             | 241 A 10120 X |
| 50               | Through-hole             | 242 A 15600 X | 50             | Through-hole             | 241 A 15710 X |
| 09               | 4-40 UNC Threaded insert | 242 A 10210 X | 09             | 4-40 UNC Threaded insert | 241 A 10210 X |
| 15               | 4-40 UNC Threaded insert | 242 A 10220 X | 15             | 4-40 UNC Threaded insert | 241 A 10220 X |
| 25               | 4-40 UNC Threaded insert | 242 A 10230 X | 25             | 4-40 UNC Threaded insert | 241 A 10230 X |
| 37               | 4-40 UNC Threaded insert | 242 A 10240 X | 37             | 4-40 UNC Threaded insert | 241 A 10240 X |
| 50               | 4-40 UNC Threaded insert | 242 A 15630 X | 50             | 4-40 UNC Threaded insert | 241 A 15740 X |
| 09               | M3 Threaded insert       | 242 A 10330 X | 09             | M3 Threaded insert       | 241 A 10330 X |
| 15               | M3 Threaded insert       | 242 A 10340 X | 15             | M3 Threaded insert       | 241 A 10340 X |
| 25               | M3 Threaded insert       | 242 A 10350 X | 25             | M3 Threaded insert       | 241 A 10350 X |
| 37               | M3 Threaded insert       | 242 A 10360 X | 37             | M3 Threaded insert       | 241 A 10360 X |
| 50               | M3 Threaded insert       | 242 A 15660 X | 50             | M3 Threaded insert       | 241 A 15770 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 10050 X | 09             | Through-hole             | 241 A 10050 X |
| 15               | Through-hole             | 242 A 10060 X | 15             | Through-hole             | 241 A 10060 X |
| 25               | Through-hole             | 242 A 10070 X | 25             | Through-hole             | 241 A 10070 X |
| 37               | Through-hole             | 242 A 10080 X | 37             | Through-hole             | 241 A 10080 X |
| 50               | Through-hole             | 242 A 15590 X | 50             | Through-hole             | 241 A 15700 X |
| 09               | 4-40 UNC Threaded insert | 242 A 10170 X | 09             | 4-40 UNC Threaded insert | 241 A 10170 X |
| 15               | 4-40 UNC Threaded insert | 242 A 10180 X | 15             | 4-40 UNC Threaded insert | 241 A 10180 X |
| 25               | 4-40 UNC Threaded insert | 242 A 10190 X | 25             | 4-40 UNC Threaded insert | 241 A 10190 X |
| 37               | 4-40 UNC Threaded insert | 242 A 10200 X | 37             | 4-40 UNC Threaded insert | 241 A 10200 X |
| 50               | 4-40 UNC Threaded insert | 242 A 15620 X | 50             | 4-40 UNC Threaded insert | 241 A 15730 X |
| 09               | M3 Threaded insert       | 242 A 10290 X | 09             | M3 Threaded insert       | 241 A 10290 X |
| 15               | M3 Threaded insert       | 242 A 10300 X | 15             | M3 Threaded insert       | 241 A 10300 X |
| 25               | M3 Threaded insert       | 242 A 10310 X | 25             | M3 Threaded insert       | 241 A 10310 X |
| 37               | M3 Threaded insert       | 242 A 10320 X | 37             | M3 Threaded insert       | 241 A 10320 X |
| 50               | M3 Threaded insert       | 242 A 15650 X | 50             | M3 Threaded insert       | 241 A 15760 X |