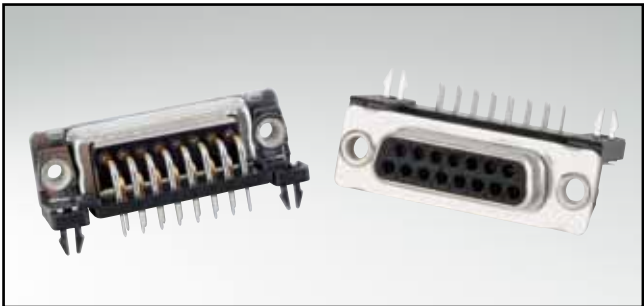


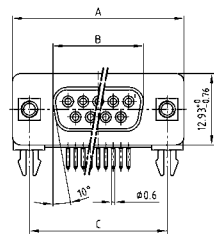
C-FILTER D-SUB STANDARD

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

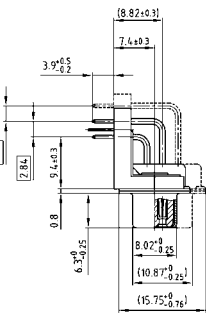
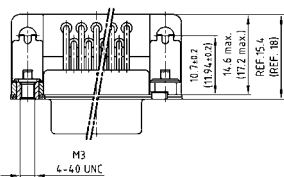
SOCKET CONNECTOR



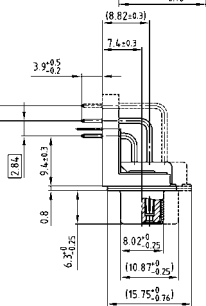
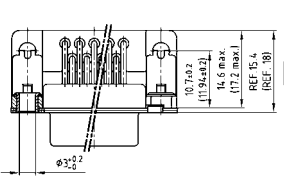
| No. of pos. | A -0.76 | B -0.25 | C                                       |
|-------------|---------|---------|-----------------------------------------|
| 09          | 31.19   | 16.46   | 25.00 <sup>+0.12</sup> <sub>-0.13</sub> |
| 15          | 39.52   | 24.79   | 33.30 <sup>+0.15</sup> <sub>-0.10</sub> |
| 25          | 53.42   | 38.50   | 47.04 <sup>+0.13</sup> <sub>-0.13</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: Kat1kGGA

Mounting style:  
PCB clip, threaded insert



Mounting style:  
PCB clip, through-hole

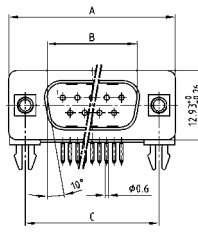


50 pos. = Dim. in ( \_ )

DESCRIPTION

- Mounting styles:
  - Mounting bracket with PCB clip and 4-40 UNC or M3 threaded insert
  - Mounting bracket with PCB clip and through-hole Ø .118" / 3.0 mm
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated (brass tin plated on request)

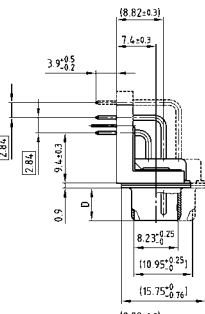
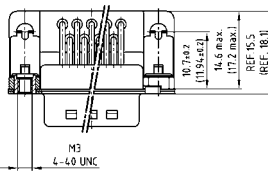
PLUG CONNECTOR



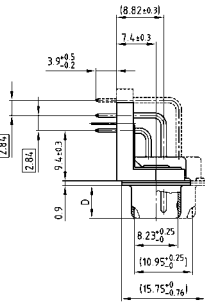
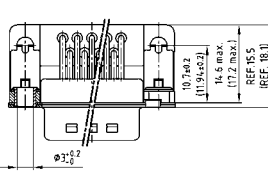
| No. of pos. | A -0.76 | B -0.25 | C                                       | D -0.3 |
|-------------|---------|---------|-----------------------------------------|--------|
| 09          | 31.19   | 16.79   | 25.00 <sup>+0.12</sup> <sub>-0.13</sub> | 6.12   |
| 15          | 39.52   | 25.12   | 33.30 <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: Kat1kGHA

Mounting style:  
PCB clip, threaded insert



Mounting style:  
PCB clip, through-hole



50 pos. = Dim. in ( \_ )

ORDER DATA

Capacitance 180 pF

SOCKET CONNECTOR

| No. of pos. | Mounting style                      | Part Number   |
|-------------|-------------------------------------|---------------|
| 09          | PCB clip / 4-40 UNC Threaded insert | 242 A 17020 X |
| 15          | PCB clip / 4-40 UNC Threaded insert | 242 A 17030 X |
| 25          | PCB clip / 4-40 UNC Threaded insert | 242 A 17040 X |
| 37          | PCB clip / 4-40 UNC Threaded insert | 242 A 17050 X |
| 50          | PCB clip / 4-40 UNC Threaded insert | 242 A 24020 X |
| 09          | PCB clip / M3 Threaded insert       | 242 A 17060 X |
| 15          | PCB clip / M3 Threaded insert       | 242 A 17070 X |
| 25          | PCB clip / M3 Threaded insert       | 242 A 17080 X |
| 37          | PCB clip / M3 Threaded insert       | 242 A 17090 X |
| 50          | PCB clip / M3 Threaded insert       | 242 A 24060 X |
| 09          | PCB clip / Through-hole             | 242 A 16980 X |
| 15          | PCB clip / Through-hole             | 242 A 16990 X |
| 25          | PCB clip / Through-hole             | 242 A 17000 X |
| 37          | PCB clip / Through-hole             | 242 A 17010 X |
| 50          | PCB clip / Through-hole             | 242 A 23980 X |

PLUG CONNECTOR

| No. of pos. | Mounting style                      | Part Number   |
|-------------|-------------------------------------|---------------|
| 09          | PCB clip / 4-40 UNC Threaded insert | 241 A 19640 X |
| 15          | PCB clip / 4-40 UNC Threaded insert | 241 A 19650 X |
| 25          | PCB clip / 4-40 UNC Threaded insert | 241 A 19660 X |
| 37          | PCB clip / 4-40 UNC Threaded insert | 241 A 19670 X |
| 50          | PCB clip / 4-40 UNC Threaded insert | 241 A 24120 X |
| 09          | PCB clip / M3 Threaded insert       | 241 A 19680 X |
| 15          | PCB clip / M3 Threaded insert       | 241 A 19690 X |
| 25          | PCB clip / M3 Threaded insert       | 241 A 19700 X |
| 37          | PCB clip / M3 Threaded insert       | 241 A 19710 X |
| 50          | PCB clip / M3 Threaded insert       | 241 A 24160 X |
| 09          | PCB clip / Through-hole             | 241 A 19600 X |
| 15          | PCB clip / Through-hole             | 241 A 19610 X |
| 25          | PCB clip / Through-hole             | 241 A 19620 X |
| 37          | PCB clip / Through-hole             | 241 A 19630 X |
| 50          | PCB clip / Through-hole             | 241 A 24080 X |

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

# 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               | PCB clip / 4-40 UNC Threaded insert | 242 A 12820 X | 09             | PCB clip / 4-40 UNC Threaded insert | 241 A 12800 X |
| 15               | PCB clip / 4-40 UNC Threaded insert | 242 A 12830 X | 15             | PCB clip / 4-40 UNC Threaded insert | 241 A 12810 X |
| 25               | PCB clip / 4-40 UNC Threaded insert | 242 A 12840 X | 25             | PCB clip / 4-40 UNC Threaded insert | 241 A 12820 X |
| 37               | PCB clip / 4-40 UNC Threaded insert | 242 A 12850 X | 37             | PCB clip / 4-40 UNC Threaded insert | 241 A 12830 X |
| 50               | PCB clip / 4-40 UNC Threaded insert | 242 A 24030 X | 50             | PCB clip / 4-40 UNC Threaded insert | 241 A 24130 X |
| 09               | PCB clip / M3 Threaded insert       | 242 A 12940 X | 09             | PCB clip / M3 Threaded insert       | 241 A 12920 X |
| 15               | PCB clip / M3 Threaded insert       | 242 A 12950 X | 15             | PCB clip / M3 Threaded insert       | 241 A 12930 X |
| 25               | PCB clip / M3 Threaded insert       | 242 A 12960 X | 25             | PCB clip / M3 Threaded insert       | 241 A 12940 X |
| 37               | PCB clip / M3 Threaded insert       | 242 A 12970 X | 37             | PCB clip / M3 Threaded insert       | 241 A 12950 X |
| 50               | PCB clip / M3 Threaded insert       | 242 A 24070 X | 50             | PCB clip / M3 Threaded insert       | 241 A 24170 X |
| 09               | PCB clip / Through-hole             | 242 A 12700 X | 09             | PCB clip / Through-hole             | 241 A 12680 X |
| 15               | PCB clip / Through-hole             | 242 A 12710 X | 15             | PCB clip / Through-hole             | 241 A 12690 X |
| 25               | PCB clip / Through-hole             | 242 A 12720 X | 25             | PCB clip / Through-hole             | 241 A 12700 X |
| 37               | PCB clip / Through-hole             | 242 A 12730 X | 37             | PCB clip / Through-hole             | 241 A 12710 X |
| 50               | PCB clip / Through-hole             | 242 A 23990 X | 50             | PCB clip / Through-hole             | 241 A 24090 X |

### Capacitance 830 pF

| SOCKET CONNECTOR |                                     |               | PLUG CONNECTOR |                                     |               |
|------------------|-------------------------------------|---------------|----------------|-------------------------------------|---------------|
| No. of pos.      | Mounting style                      | Part Number   | No. of pos.    | Mounting style                      | Part Number   |
| 09               | PCB clip / 4-40 UNC Threaded insert | 242 A 12900 X | 09             | PCB clip / 4-40 UNC Threaded insert | 241 A 12880 X |
| 15               | PCB clip / 4-40 UNC Threaded insert | 242 A 12910 X | 15             | PCB clip / 4-40 UNC Threaded insert | 241 A 12890 X |
| 25               | PCB clip / 4-40 UNC Threaded insert | 242 A 12920 X | 25             | PCB clip / 4-40 UNC Threaded insert | 241 A 12900 X |
| 37               | PCB clip / 4-40 UNC Threaded insert | 242 A 12930 X | 37             | PCB clip / 4-40 UNC Threaded insert | 241 A 12910 X |
| 50               | PCB clip / 4-40 UNC Threaded insert | 242 A 24040 X | 50             | PCB clip / 4-40 UNC Threaded insert | 241 A 24140 X |
| 09               | PCB clip / M3 Threaded insert       | 242 A 13020 X | 09             | PCB clip / M3 Threaded insert       | 241 A 13000 X |
| 15               | PCB clip / M3 Threaded insert       | 242 A 13030 X | 15             | PCB clip / M3 Threaded insert       | 241 A 13010 X |
| 25               | PCB clip / M3 Threaded insert       | 242 A 13040 X | 25             | PCB clip / M3 Threaded insert       | 241 A 13020 X |
| 37               | PCB clip / M3 Threaded insert       | 242 A 13050 X | 37             | PCB clip / M3 Threaded insert       | 241 A 13030 X |
| 50               | PCB clip / M3 Threaded insert       | 242 A 24080 X | 50             | PCB clip / M3 Threaded insert       | 241 A 24180 X |
| 09               | PCB clip / Through-hole             | 242 A 12780 X | 09             | PCB clip / Through-hole             | 241 A 12760 X |
| 15               | PCB clip / Through-hole             | 242 A 12790 X | 15             | PCB clip / Through-hole             | 241 A 12770 X |
| 25               | PCB clip / Through-hole             | 242 A 12800 X | 25             | PCB clip / Through-hole             | 241 A 12780 X |
| 37               | PCB clip / Through-hole             | 242 A 12810 X | 37             | PCB clip / Through-hole             | 241 A 12790 X |
| 50               | PCB clip / Through-hole             | 242 A 24000 X | 50             | PCB clip / Through-hole             | 242 A 24100 X |

### Capacitance 1300 pF

| SOCKET CONNECTOR |                                     |               | PLUG CONNECTOR |                                     |               |
|------------------|-------------------------------------|---------------|----------------|-------------------------------------|---------------|
| No. of pos.      | Mounting style                      | Part Number   | No. of pos.    | Mounting style                      | Part Number   |
| 09               | PCB clip / 4-40 UNC Threaded insert | 242 A 12860 X | 09             | PCB clip / 4-40 UNC Threaded insert | 241 A 12840 X |
| 15               | PCB clip / 4-40 UNC Threaded insert | 242 A 12870 X | 15             | PCB clip / 4-40 UNC Threaded insert | 241 A 12850 X |
| 25               | PCB clip / 4-40 UNC Threaded insert | 242 A 12880 X | 25             | PCB clip / 4-40 UNC Threaded insert | 241 A 12860 X |
| 37               | PCB clip / 4-40 UNC Threaded insert | 242 A 12890 X | 37             | PCB clip / 4-40 UNC Threaded insert | 241 A 12870 X |
| 50               | PCB clip / 4-40 UNC Threaded insert | 242 A 24050 X | 50             | PCB clip / 4-40 UNC Threaded insert | 241 A 24150 X |
| 09               | PCB clip / M3 Threaded insert       | 242 A 12980 X | 09             | PCB clip / M3 Threaded insert       | 241 A 12960 X |
| 15               | PCB clip / M3 Threaded insert       | 242 A 12990 X | 15             | PCB clip / M3 Threaded insert       | 241 A 12970 X |
| 25               | PCB clip / M3 Threaded insert       | 242 A 13000 X | 25             | PCB clip / M3 Threaded insert       | 241 A 12980 X |
| 37               | PCB clip / M3 Threaded insert       | 242 A 13010 X | 37             | PCB clip / M3 Threaded insert       | 241 A 12990 X |
| 50               | PCB clip / M3 Threaded insert       | 242 A 24090 X | 50             | PCB clip / M3 Threaded insert       | 241 A 24190 X |
| 09               | PCB clip / Through-hole             | 242 A 12740 X | 09             | PCB clip / Through-hole             | 241 A 12720 X |
| 15               | PCB clip / Through-hole             | 242 A 12750 X | 15             | PCB clip / Through-hole             | 241 A 12730 X |
| 25               | PCB clip / Through-hole             | 242 A 12760 X | 25             | PCB clip / Through-hole             | 241 A 12740 X |
| 37               | PCB clip / Through-hole             | 242 A 12770 X | 37             | PCB clip / Through-hole             | 241 A 12750 X |
| 50               | PCB clip / Through-hole             | 242 A 24010 X | 50             | PCB clip / Through-hole             | 241 A 24110 X |

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

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