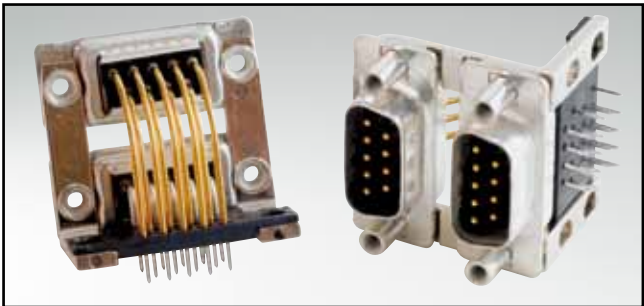


# C-FILTER D-SUB STANDARD – DUAL PORT

Solder pin – Angled – Precision machined contacts – .780" / 19.05 mm connector spacing

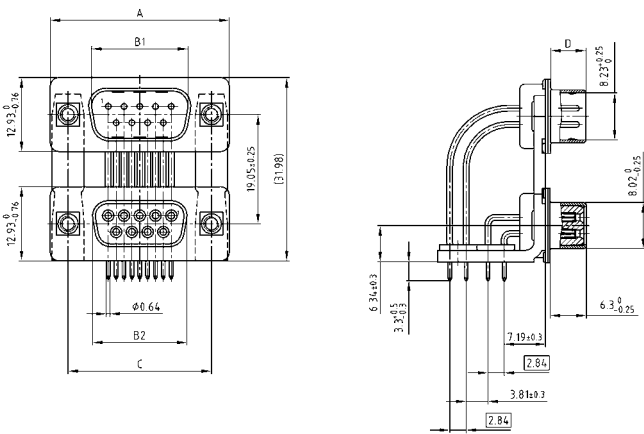


RoHS compliant – CSA listed, File No.: LR 115000-1 – UL listed, File No.: E202784

## DESCRIPTION

- Variations: plug – plug; socket – socket; plug – socket
- Mounting styles:
  - with mounting bracket and 4-40 UNC threaded insert
  - with mounting bracket and 4-40 UNC front spacer
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated (brass tin plated on request)

## PRODUCT DRAWING

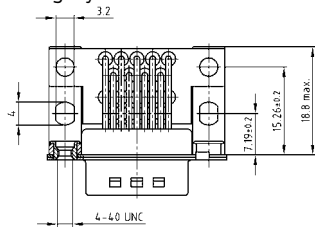


| No. of pos. | A -0.76 | B1 +0.25 | B2 -0.25 | C                                         | D -0.30 |
|-------------|---------|----------|----------|-------------------------------------------|---------|
| 2X 09       | 31.19   | 16.79    | 16.46    | 25.00 <sup>+0.12</sup> / <sub>-0.13</sub> | 6.12    |
| 2X 15       | 39.52   | 25.12    | 24.79    | 33.30 <sup>+0.15</sup> / <sub>-0.10</sub> | 6.12    |
| 2X 25       | 53.42   | 38.84    | 38.50    | 47.04 <sup>+0.13</sup> / <sub>-0.13</sub> | 5.99    |
| 2X 37       | 69.70   | 55.30    | 54.96    | 63.50 <sup>+0.13</sup> / <sub>-0.13</sub> | 5.99    |

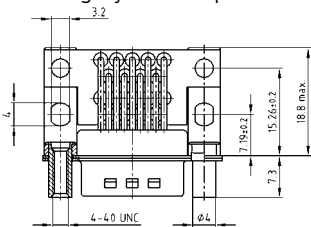
Graphically representation of only one variant!

PCB layout: Kat1iU5A / Kat1iU6A

Mounting style: Threaded insert



Mounting style: Front spacer



## ORDER DATA

### Capacitance 180 pF

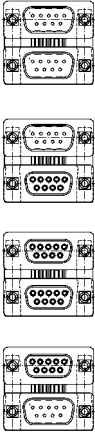
| VERSION WITH 4-40 UNC THREADED INSERT |        |                              |               | VERSION WITH 4-40 UNC FRONT SPACER |                              |               |  |
|---------------------------------------|--------|------------------------------|---------------|------------------------------------|------------------------------|---------------|--|
| No. of pos.                           | Design | Part Number                  |               | No. of pos.                        | Design                       | Part Number   |  |
|                                       | 09/09  | Plug upper / Plug bottom     | 241 A 17500 X | 09/09                              | Plug upper / Plug bottom     | 241 A 22380 X |  |
|                                       | 15/15  | Plug upper / Plug bottom     | 241 A 17510 X | 15/15                              | Plug upper / Plug bottom     | 241 A 22390 X |  |
|                                       | 25/25  | Plug upper / Plug bottom     | 241 A 17520 X | 25/25                              | Plug upper / Plug bottom     | 241 A 22400 X |  |
|                                       | 37/37  | Plug upper / Plug bottom     | 241 A 17530 X | 37/37                              | Plug upper / Plug bottom     | 241 A 22410 X |  |
|                                       | 09/09  | Plug upper / Socket bottom   | 241 A 17540 X | 09/09                              | Plug upper / Socket bottom   | 241 A 22420 X |  |
|                                       | 15/15  | Plug upper / Socket bottom   | 241 A 17550 X | 15/15                              | Plug upper / Socket bottom   | 241 A 22430 X |  |
|                                       | 25/25  | Plug upper / Socket bottom   | 241 A 17560 X | 25/25                              | Plug upper / Socket bottom   | 241 A 22440 X |  |
|                                       | 37/37  | Plug upper / Socket bottom   | 241 A 17570 X | 37/37                              | Plug upper / Socket bottom   | 241 A 22450 X |  |
|                                       | 09/09  | Socket upper / Socket bottom | 242 A 22160 X | 09/09                              | Socket upper / Socket bottom | 242 A 22240 X |  |
|                                       | 15/15  | Socket upper / Socket bottom | 242 A 22170 X | 15/15                              | Socket upper / Socket bottom | 242 A 22250 X |  |
|                                       | 25/25  | Socket upper / Socket bottom | 242 A 22180 X | 25/25                              | Socket upper / Socket bottom | 242 A 22260 X |  |
|                                       | 37/37  | Socket upper / Socket bottom | 242 A 22190 X | 37/37                              | Socket upper / Socket bottom | 242 A 22270 X |  |
|                                       | 09/09  | Socket upper / Plug bottom   | 242 A 22200 X | 09/09                              | Socket upper / Plug bottom   | 242 A 22280 X |  |
|                                       | 15/15  | Socket upper / Plug bottom   | 242 A 22210 X | 15/15                              | Socket upper / Plug bottom   | 242 A 22290 X |  |
|                                       | 25/25  | Socket upper / Plug bottom   | 242 A 22220 X | 25/25                              | Socket upper / Plug bottom   | 242 A 22300 X |  |
|                                       | 37/37  | Socket upper / Plug bottom   | 242 A 22230 X | 37/37                              | Socket upper / Plug bottom   | 242 A 22310 X |  |

# C-FILTER D-SUB STANDARD – DUAL POR

Solder pin – Angled – Precision machined contacts – .780" / 19.05 mm connector spacing

## ORDER DATA

### Capacitance 370 pF

| VERSION WITH 4-40 UNC THREADED INSERT                                             |        |                              |               | VERSION WITH 4-40 UNC FRONT SPACER |                              |               |  |
|-----------------------------------------------------------------------------------|--------|------------------------------|---------------|------------------------------------|------------------------------|---------------|--|
| No. of pos.                                                                       | Design | Part Number                  |               | No. of pos.                        | Design                       | Part Number   |  |
|  | 09/09  | Plug upper / Plug bottom     | 241 A 14610 X | 09/09                              | Plug upper / Plug bottom     | 241 A 14850 X |  |
|                                                                                   | 15/15  | Plug upper / Plug bottom     | 241 A 14620 X | 15/15                              | Plug upper / Plug bottom     | 241 A 14860 X |  |
|                                                                                   | 25/25  | Plug upper / Plug bottom     | 241 A 14630 X | 25/25                              | Plug upper / Plug bottom     | 241 A 14870 X |  |
|                                                                                   | 37/37  | Plug upper / Plug bottom     | 241 A 14640 X | 37/37                              | Plug upper / Plug bottom     | 241 A 14880 X |  |
|  | 09/09  | Plug upper / Socket bottom   | 241 A 14730 X | 09/09                              | Plug upper / Socket bottom   | 241 A 14970 X |  |
|                                                                                   | 15/15  | Plug upper / Socket bottom   | 241 A 14740 X | 15/15                              | Plug upper / Socket bottom   | 241 A 14980 X |  |
|                                                                                   | 25/25  | Plug upper / Socket bottom   | 241 A 14750 X | 25/25                              | Plug upper / Socket bottom   | 241 A 14990 X |  |
|                                                                                   | 37/37  | Plug upper / Socket bottom   | 241 A 14760 X | 37/37                              | Plug upper / Socket bottom   | 241 A 15000 X |  |
|  | 09/09  | Socket upper / Socket bottom | 242 A 14500 X | 09/09                              | Socket upper / Socket bottom | 242 A 14740 X |  |
|                                                                                   | 15/15  | Socket upper / Socket bottom | 242 A 14510 X | 15/15                              | Socket upper / Socket bottom | 242 A 14750 X |  |
|                                                                                   | 25/25  | Socket upper / Socket bottom | 242 A 14520 X | 25/25                              | Socket upper / Socket bottom | 242 A 14760 X |  |
|                                                                                   | 37/37  | Socket upper / Socket bottom | 242 A 14530 X | 37/37                              | Socket upper / Socket bottom | 242 A 14770 X |  |
|  | 09/09  | Socket upper / Plug bottom   | 242 A 14620 X | 09/09                              | Socket upper / Plug bottom   | 242 A 14860 X |  |
|                                                                                   | 15/15  | Socket upper / Plug bottom   | 242 A 14630 X | 15/15                              | Socket upper / Plug bottom   | 242 A 14870 X |  |
|                                                                                   | 25/25  | Socket upper / Plug bottom   | 242 A 14640 X | 25/25                              | Socket upper / Plug bottom   | 242 A 14880 X |  |
|                                                                                   | 37/37  | Socket upper / Plug bottom   | 242 A 14650 X | 37/37                              | Socket upper / Plug bottom   | 242 A 14890 X |  |

### Capacitance 830 pF

| VERSION WITH 4-40 UNC THREADED INSERT                                               |        |                              |               | VERSION WITH 4-40 UNC FRONT SPACER |                              |               |  |
|-------------------------------------------------------------------------------------|--------|------------------------------|---------------|------------------------------------|------------------------------|---------------|--|
| No. of pos.                                                                         | Design | Part Number                  |               | No. of pos.                        | Design                       | Part Number   |  |
|  | 09/09  | Plug upper / Plug bottom     | 241 A 14690 X | 09/09                              | Plug upper / Plug bottom     | 241 A 14930 X |  |
|                                                                                     | 15/15  | Plug upper / Plug bottom     | 241 A 14700 X | 15/15                              | Plug upper / Plug bottom     | 241 A 14940 X |  |
|                                                                                     | 25/25  | Plug upper / Plug bottom     | 241 A 14710 X | 25/25                              | Plug upper / Plug bottom     | 241 A 14950 X |  |
|                                                                                     | 37/37  | Plug upper / Plug bottom     | 241 A 14720 X | 37/37                              | Plug upper / Plug bottom     | 241 A 14960 X |  |
|  | 09/09  | Plug upper / Socket bottom   | 241 A 14810 X | 09/09                              | Plug upper / Socket bottom   | 241 A 15050 X |  |
|                                                                                     | 15/15  | Plug upper / Socket bottom   | 241 A 14820 X | 15/15                              | Plug upper / Socket bottom   | 241 A 15060 X |  |
|                                                                                     | 25/25  | Plug upper / Socket bottom   | 241 A 14830 X | 25/25                              | Plug upper / Socket bottom   | 241 A 15070 X |  |
|                                                                                     | 37/37  | Plug upper / Socket bottom   | 241 A 14840 X | 37/37                              | Plug upper / Socket bottom   | 241 A 15080 X |  |
|  | 09/09  | Socket upper / Socket bottom | 242 A 14580 X | 09/09                              | Socket upper / Socket bottom | 242 A 14820 X |  |
|                                                                                     | 15/15  | Socket upper / Socket bottom | 242 A 14590 X | 15/15                              | Socket upper / Socket bottom | 242 A 14830 X |  |
|                                                                                     | 25/25  | Socket upper / Socket bottom | 242 A 14600 X | 25/25                              | Socket upper / Socket bottom | 242 A 14840 X |  |
|                                                                                     | 37/37  | Socket upper / Socket bottom | 242 A 14610 X | 37/37                              | Socket upper / Socket bottom | 242 A 14850 X |  |
|  | 09/09  | Socket upper / Plug bottom   | 242 A 14700 X | 09/09                              | Socket upper / Plug bottom   | 242 A 14940 X |  |
|                                                                                     | 15/15  | Socket upper / Plug bottom   | 242 A 14710 X | 15/15                              | Socket upper / Plug bottom   | 242 A 14950 X |  |
|                                                                                     | 25/25  | Socket upper / Plug bottom   | 242 A 14720 X | 25/25                              | Socket upper / Plug bottom   | 242 A 14960 X |  |
|                                                                                     | 37/37  | Socket upper / Plug bottom   | 242 A 14730 X | 37/37                              | Socket upper / Plug bottom   | 242 A 14970 X |  |

### Capacitance 1300 pF

| VERSION WITH 4-40 UNC THREADED INSERT                                               |        |                              |               | VERSION WITH 4-40 UNC FRONT SPACER |                              |               |  |
|-------------------------------------------------------------------------------------|--------|------------------------------|---------------|------------------------------------|------------------------------|---------------|--|
| No. of pos.                                                                         | Design | Part Number                  |               | No. of pos.                        | Design                       | Part Number   |  |
|  | 09/09  | Plug upper / Plug bottom     | 241 A 14650 X | 09/09                              | Plug upper / Plug bottom     | 241 A 14890 X |  |
|                                                                                     | 15/15  | Plug upper / Plug bottom     | 241 A 14660 X | 15/15                              | Plug upper / Plug bottom     | 241 A 14900 X |  |
|                                                                                     | 25/25  | Plug upper / Plug bottom     | 241 A 14670 X | 25/25                              | Plug upper / Plug bottom     | 241 A 14910 X |  |
|                                                                                     | 37/37  | Plug upper / Plug bottom     | 241 A 14680 X | 37/37                              | Plug upper / Plug bottom     | 241 A 14920 X |  |
|  | 09/09  | Plug upper / Socket bottom   | 241 A 14770 X | 09/09                              | Plug upper / Socket bottom   | 241 A 15010 X |  |
|                                                                                     | 15/15  | Plug upper / Socket bottom   | 241 A 14780 X | 15/15                              | Plug upper / Socket bottom   | 241 A 15020 X |  |
|                                                                                     | 25/25  | Plug upper / Socket bottom   | 241 A 14790 X | 25/25                              | Plug upper / Socket bottom   | 241 A 15030 X |  |
|                                                                                     | 37/37  | Plug upper / Socket bottom   | 241 A 14800 X | 37/37                              | Plug upper / Socket bottom   | 241 A 15040 X |  |
|  | 09/09  | Socket upper / Socket bottom | 242 A 14540 X | 09/09                              | Socket upper / Socket bottom | 242 A 14780 X |  |
|                                                                                     | 15/15  | Socket upper / Socket bottom | 242 A 14550 X | 15/15                              | Socket upper / Socket bottom | 242 A 14790 X |  |
|                                                                                     | 25/25  | Socket upper / Socket bottom | 242 A 14560 X | 25/25                              | Socket upper / Socket bottom | 242 A 14800 X |  |
|                                                                                     | 37/37  | Socket upper / Socket bottom | 242 A 14570 X | 37/37                              | Socket upper / Socket bottom | 242 A 14810 X |  |
|  | 09/09  | Socket upper / Plug bottom   | 242 A 14660 X | 09/09                              | Socket upper / Plug bottom   | 242 A 14900 X |  |
|                                                                                     | 15/15  | Socket upper / Plug bottom   | 242 A 14670 X | 15/15                              | Socket upper / Plug bottom   | 242 A 14910 X |  |
|                                                                                     | 25/25  | Socket upper / Plug bottom   | 242 A 14680 X | 25/25                              | Socket upper / Plug bottom   | 242 A 14920 X |  |
|                                                                                     | 37/37  | Socket upper / Plug bottom   | 242 A 14690 X | 37/37                              | Socket upper / Plug bottom   | 242 A 14930 X |  |