

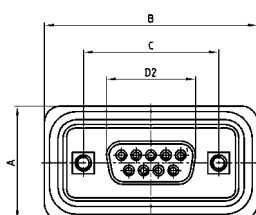
# D-SUB STANDARD – IP67

Solder pin – Straight – Precision machined contacts



RoHS compliant - CSA listed, File No.LR115000-1 UL listed, File No. E202784

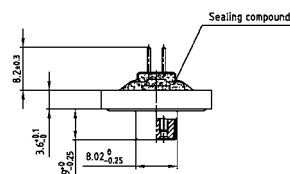
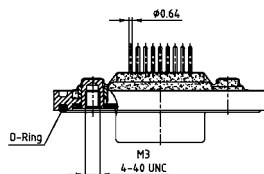
## SOCKET CONNECTOR



| No. of pos. | A +0.2 | B +0.2 | C           | D2 -0.25 |
|-------------|--------|--------|-------------|----------|
| 09          | 21.10  | 39.40  | 25.00 ±0.12 | 16.46    |
| 15          | 21.10  | 47.70  | 33.30 ±0.15 | 24.79    |
| 25          | 21.10  | 61.40  | 47.04 ±0.13 | 38.50    |
| 37          | 21.10  | 77.90  | 63.50 ±0.13 | 54.96    |
| 50          | 23.90  | 75.50  | 61.10 ±0.14 | 52.55    |

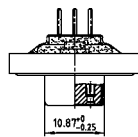
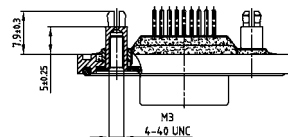
PCB layout Kat1kFVA / Kat1kFUA

Mounting style: Threaded insert



9-37 pos.

Mounting style:  
Threaded rear spacer with PCB clip

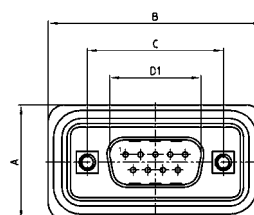


50 pos.

## DESCRIPTION

- Mounting styles:
  - with 4-40 UNC or M3 threaded insert including hex locking bolt
  - with 4-40 UNC or M3 threaded rear spacer and PCB clip including hex locking bolt
- Quality class 3 (also available in quality class 1)
- Shell: Brass tin plated (stainless steel available on request)
- Nickel plated die-cast frame (Black plastic frame on request)

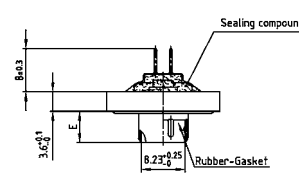
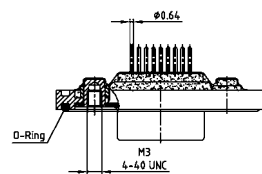
## PLUG CONNECTOR



| No. of pos. | A +0.2 | B +0.2 | C           | D1 -0.25 | E -0.30 |
|-------------|--------|--------|-------------|----------|---------|
| 9           | 21.10  | 39.40  | 25.00 ±0.12 | 16.79    | 5.82    |
| 15          | 21.10  | 47.70  | 33.30 ±0.15 | 25.12    | 5.82    |
| 25          | 21.10  | 61.40  | 47.04 ±0.13 | 38.84    | 5.69    |
| 37          | 21.10  | 77.90  | 63.50 ±0.13 | 55.30    | 5.69    |
| 50          | 23.90  | 75.50  | 61.10 ±0.14 | 52.68    | 5.69    |

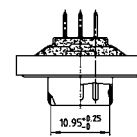
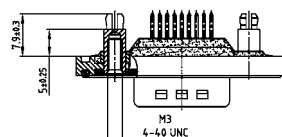
PCB layout Kat1kFVA / Kat1kFUA

Mounting style: Threaded insert



9-37 pos.

Mounting style:  
Threaded rear spacer with PCB clip



50 pos.

## ORDER DATA

| SOCKET CONNECTOR |                                        |                   |
|------------------|----------------------------------------|-------------------|
| No. of pos.      | Mounting style                         | Part Number       |
| 09               | M3 Threaded insert                     | 6 STD09SAR99B20 X |
| 15               | M3 Threaded insert                     | 6 STD15SAR99B20 X |
| 25               | M3 Threaded insert                     | 6 STD25SAR99B20 X |
| 37               | M3 Threaded insert                     | 6 STD37SAR99B20 X |
| 50               | M3 Threaded insert                     | 6 STD50SAR99B20 X |
| 09               | 4-40 UNC Threaded insert               | 6 STD09SAR99B30 X |
| 15               | 4-40 UNC Threaded insert               | 6 STD15SAR99B30 X |
| 25               | 4-40 UNC Threaded insert               | 6 STD25SAR99B30 X |
| 37               | 4-40 UNC Threaded insert               | 6 STD37SAR99B30 X |
| 50               | 4-40 UNC Threaded insert               | 6 STD50SAR99B30 X |
| 09               | M3 Threaded rear spacer PCB clip       | 6 STD09SAR99E10 X |
| 15               | M3 Threaded rear spacer PCB clip       | 6 STD15SAR99E10 X |
| 25               | M3 Threaded rear spacer PCB clip       | 6 STD25SAR99E10 X |
| 37               | M3 Threaded rear spacer PCB clip       | 6 STD37SAR99E10 X |
| 50               | M3 Threaded rear spacer PCB clip       | 6 STD50SAR99E10 X |
| 09               | 4-40 UNC Threaded rear spacer PCB clip | 6 STD09SAR99E20 X |
| 15               | 4-40 UNC Threaded rear spacer PCB clip | 6 STD15SAR99E20 X |
| 25               | 4-40 UNC Threaded rear spacer PCB clip | 6 STD25SAR99E20 X |
| 37               | 4-40 UNC Threaded rear spacer PCB clip | 6 STD37SAR99E20 X |
| 50               | 4-40 UNC Threaded rear spacer PCB clip | 6 STD50SAR99E20 X |

| PLUG CONNECTOR |                                        |                   |
|----------------|----------------------------------------|-------------------|
| No. of pos.    | Mounting style                         | Part Number       |
| 09             | M3 Threaded insert                     | 6 STD09PAR99B20 X |
| 15             | M3 Threaded insert                     | 6 STD15PAR99B20 X |
| 25             | M3 Threaded insert                     | 6 STD25PAR99B20 X |
| 37             | M3 Threaded insert                     | 6 STD37PAR99B20 X |
| 50             | M3 Threaded insert                     | 6 STD50PAR99B20 X |
| 09             | 4-40 UNC Threaded insert               | 6 STD09PAR99B30 X |
| 15             | 4-40 UNC Threaded insert               | 6 STD15PAR99B30 X |
| 25             | 4-40 UNC Threaded insert               | 6 STD25PAR99B30 X |
| 37             | 4-40 UNC Threaded insert               | 6 STD37PAR99B30 X |
| 50             | 4-40 UNC Threaded insert               | 6 STD50PAR99B30 X |
| 09             | M3 Threaded rear spacer PCB clip       | 6 STD09PAR99E10 X |
| 15             | M3 Threaded rear spacer PCB clip       | 6 STD15PAR99E10 X |
| 25             | M3 Threaded rear spacer PCB clip       | 6 STD25PAR99E10 X |
| 37             | M3 Threaded rear spacer PCB clip       | 6 STD37PAR99E10 X |
| 50             | M3 Threaded rear spacer PCB clip       | 6 STD50PAR99E10 X |
| 09             | 4-40 UNC Threaded rear spacer PCB clip | 6 STD09PAR99E20 X |
| 15             | 4-40 UNC Threaded rear spacer PCB clip | 6 STD15PAR99E20 X |
| 25             | 4-40 UNC Threaded rear spacer PCB clip | 6 STD25PAR99E20 X |
| 37             | 4-40 UNC Threaded rear spacer PCB clip | 6 STD37PAR99E20 X |
| 50             | 4-40 UNC Threaded rear spacer PCB clip | 6 STD50PAR99E20 X |

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