

Products :: [D-subminiature](#)

## PCB Mount - D\*KL Series - Vertical Metal Shell

[Contact Arrangements](#)

[Dimensions](#)

[Part Number Listing](#)

[Printed Circuit Board Layout Hole Dimensions](#)

[Shells and Mounts](#)

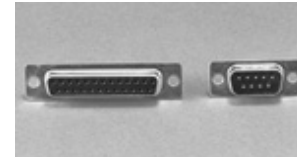
[+ MORE](#)

[+ MORE](#)

[+ MORE](#)

[+ MORE](#)

[+ MORE](#)



### Features:

Offered in right-angle or vertical PCB mount versions.

- Available with gold flash or 30µin. gold plating.
- Metal Shell provides grounding and shielding capability.
- Approvals:
  - UL Recognized: File E130965.
  - CSA Approved: File LR97981.

### Materials:

**Insulator Material:** Glass-filled polyester (black), UL 94V-O rated

**Contact Material:** Socket - Phosphor bronze (stamped). Plug - Brass (stamped)

**Contact Plating:** Gold flash or 30µin. gold in mating area and tin/lead on tails. All over nickel.

**Metal Shell:** Steel with tin plating (grounding indents on plug)

### Mechanical:

**Individual Contact Insertion and Separation Force (minimum/maximum):** 0.7 oz./12 oz.

**Durability:** 500 mating cycles

### Electrical:

**Withstanding Voltage:** Right Angle - minimum AC 1250V RMS @ sea level, Vertical - minimum AC 1000V RMS @ sea level

**Current Rating:** 5 Amps

**Contact Resistance:** 15 milliohms maximum

**Insulation Resistance:** 5000 megohms maximum (initial); 1000 megohms (minimum) after environmental testing

### Environmental:

**Operating Temperature:** -55°C to +125°C

**Shock:** 50G peak per MIL-STD-202, Method 213, Condition G

**Vibration:** 12 cycles in three perpendicular directions @10-2000Hz, per MIL-STD-202, Method 204, Condition D

**Moisture Resistance:** 90-95% relative humidity @ 40°C for 96 hours per MIL-STD-202, Method 103

[Back to Top](#)

[Click here for more information on this product.](#)

[View Printer-Friendly Page](#)

[Back to Top](#)

[Email this page](#)

© 2007 Cinch Connectors

All Rights Reserved

[Sales Terms and Conditions](#)