

D-subminiature

D*KL Series Right-Angle PCB

Metal Shell

Features

- Offered in right-angle 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)

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

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

Mechanical

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

Durability: 500 mating cycles

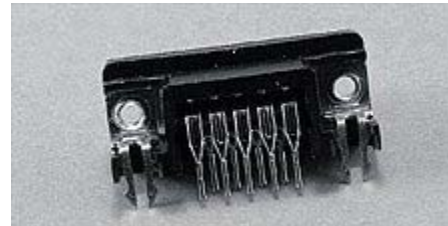
Right-Angle Connectors

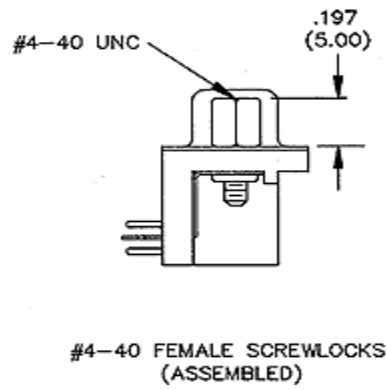
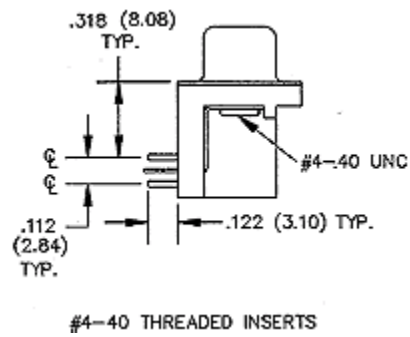
- 0.318" footprint.
- Available in 9, 15, and 25 position plugs and sockets.
- Offered with 4-40 threaded inserts for secure mounting to panels or with female screwlocks.
- Boardlocks to provide mechanical hold-down during wave soldering process.

Materials:

- Boardlock: Brass with tin plating.

- Female Screwlock: Brass with nickel plating.





Ordering Information

Right-Angle Plugs

Size	4-40 Threaded Inserts		Female Screwlocks	
	Gold Flash	30µin. Gold	Gold Flash	30µin. Gold
9	DEKL-9PATI-E	DEKL-9PATI-E2	DEKL-9PATI-F	DEKL-9PATI-F2
15	DAKL-15PATI-E	DAKL-15PATI-E2	DAKL-15PATI-F	DAKL-15PATI-F2
25	DBKL-25PATI-E	DBKL-25PATI-E2	DBKL-25PATI-F	DBKL-25PATI-F2

Right-Angle Sockets

Size	4-40 Threaded Inserts		Female Screwlocks	
	Gold Flash	30µin. Gold	Gold Flash	30µin. Gold
9	DEKL-9SAT-E	DEKL-9SAT-E2	DEKL-9SAT-F	DEKL-9SAT-F2
15	DAKL-15SAT-E	DAKL-15SAT-E2	DAKL-15SAT-F	DAKL-15SAT-F2
25	DBKL-25SAT-E	DBKL-25SAT-E2	DBKL-25SAT-F	DBKL-25SAT-F2