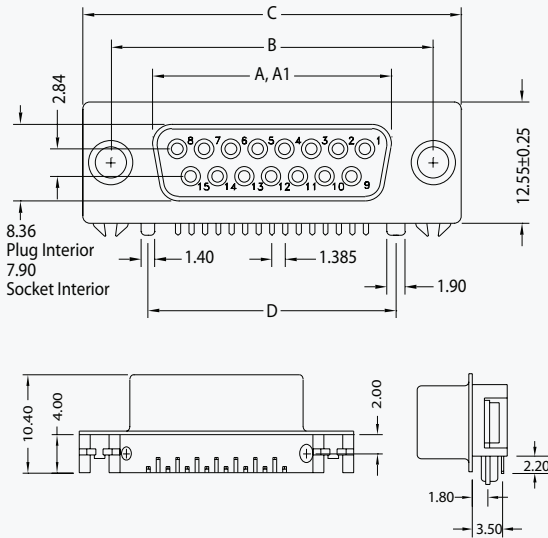


## D-SUBMINIATURE CONNECTORS: K31X/K31XHT Series Right Angle Thru Hole PCB Mount Ultra Compact Footprint

### K31X/K31XHT Series Dimensions

Dimensions in mm



| Shell Size<br>In mm | A<br>±.010<br>±.025 | A1<br>±.010<br>±.025 | B<br>±.005<br>±0.13 | C<br>±.015<br>±0.38 | D<br>±.005<br>±0.13 |
|---------------------|---------------------|----------------------|---------------------|---------------------|---------------------|
| 9<br>(E)            | .643<br>16.33       | .666<br>16.92        | .984<br>24.99       | 1.213<br>30.81      | .551<br>14.00       |
| 15<br>(A)           | .971<br>24.66       | N/A                  | 1.312<br>33.32      | 1.541<br>39.14      | 1.009<br>25.64      |
| 25<br>(B)           | 1.511<br>38.38      | N/A                  | 1.852<br>47.04      | 2.088<br>53.04      | 1.557<br>39.54      |

A = Exterior of Female Shell (S)

A1 = Interior of Male Shell (P)

|                       |                     |                      |                  |
|-----------------------|---------------------|----------------------|------------------|
| 2D Drawing            | IGES                | STEP                 | 3D PDF           |
| Solder Profile        | CofC RoHS Compliant | CofC REACH Compliant | UL Plastic File  |
| Certificate of Origin | Check Stock         | Request a Sample     | Send Us An Email |

### Generated Part Number

### Part Number Builder

|                      |   |                       |                      |                      |
|----------------------|---|-----------------------|----------------------|----------------------|
| <input type="text"/> | - | <input type="text"/>  | <input type="text"/> | <input type="text"/> |
| Series               |   | Shell Size<br>Contact | Contact<br>Type      | Mounting<br>Option   |

### Series

**K31X** - D-Subminiature Connector, Right Angle, PCB Termination, Ultra Compact Footprint

**K31XHT** - High Temperature Version

### Shell Size-Contact Option

**E** - 9 Contacts

**A** - 15 Contacts (Socket only)

**B** - 25 Contacts (Socket only)

**E** - 15 Contacts, High Density (Socket only)

### Contact Type

**P** - Pin Contact (Plug) Available only with E9 Shell Size Option

**S** - Socket Contact (Receptacle)

### Mounting Option

**N** - With Boardlocks and #4-40 UNC Threaded Inserts

**NJ** - With Boardlocks and #4-40 Jackscrews Installed

Contact Kycon for Other Options

# Mouser Electronics

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[K31-A15S-NJ30](#) [K31HT-E9P-N](#) [K31-B25S-NJ](#) [K31-A15S-NJ15](#) [K31-A15S-N](#) [K31-E9S-N](#) [K31-E9P-NJ](#) [K31HT-](#)  
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[N30](#) [K31-B25S-N15](#) [K31-E15S-NJ](#) [K31HT-A15S-N](#) [K31-B25S-N](#) [K31-B25S-N30](#) [K31-E15S-N30](#)