



**K31X / K31XHT Series**  
Right Angle Thru Hole PCB Mount Ultra Compact Footprint

**K31X / K31XHT Series Dimensions**  
Standard Density  
Dimensions in mm



Shell Size	Dimensions in mm				
	A	A1	B	C	D
9 (E)	±0.10 ±0.25	±0.10 ±0.25	±0.05 ±0.13	±0.15 ±0.38	±0.05 ±0.13
15 (A)	.643 16.33	.666 16.92	.984 24.99	1.213 30.81	.551 14.00
25 (B)	1.511 38.38	N/A	1.852 47.04	2.088 53.04	1.557 39.54

A = Exterior of Female Shell (S)    A1 = Interior of Male Shell (P)

**D-SUBMINIATURE CONNECTORS**

**K31X/K31XHT Series**

**Documentation & Ordering Information**


**Kycon Part #**

**Part Number Builder**

Series	Shell Size Contact	Contact Type	Mounting Options	Plating Option
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**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 Board Locks and (4-40) Riveted Threaded Inserts  
NJ - With Board Locks, Riveted Threaded Inserts, and 4-40 Hex. Jack Screws Assembled to Connector

**Plating Option**  
Blank - Gold Flash  
15 - 15µ" Gold  
30 - 30µ" Gold

Contact Kycon for other options

**K31X / K31XHT Series Dimensions**

**High Density**  
Dimensions in mm

