

# DIN 1.0/2.3

## PCB Jack Connectors

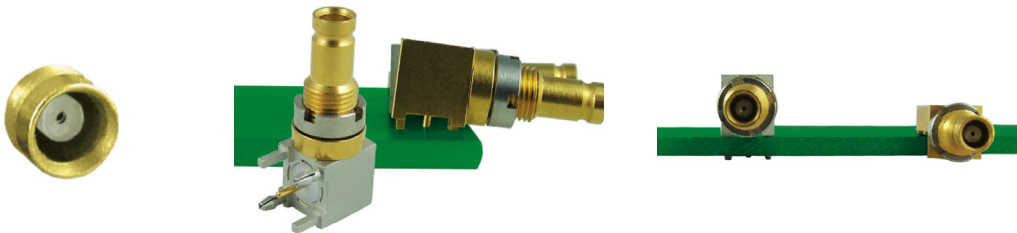


Kings products, like the DIN 1.0/2.3 PCB Jack Connectors, are now sold under the Kings-Win™ brand from Winchester Interconnect™.

### Product Description

DIN 1.0/2.3 75 Ohm PCB Jack Connectors are available in vertical and right-angle mount designs.

New product extensions include our closed-entry interface, snap-in retention board-locks, tape-and-reel packaging, and a Surface Mount (SMT) edge-mount version.



- Patented closed-entry interface features a precision-molded protective shroud designed to redirect misaligned pins to prevent pin stubbing and "pass-by" pins, which can cause signal failure and system downtime.
- Snap-in board-lock feature secures connectors to PCB in true position prior to soldering and prevents connectors from lifting or leaning out of position during production assembly.
- PCB Jacks are made with precision-machined components designed to provide long-term durability, reliability, and performance.
- SMT low-profile edge-mount design sits just .278" high off PCB and is ideal for applications where height constraints or electrical performance are primary design concerns.

## Specifications

### Electrical

#### Impedance

75 Ohms

#### Frequency Range

DC to 12 GHz

#### Return Loss

3 GHz < -15 dB

6 GHz < -10 dB

### Mechanical

#### Duability

500 Cycles Minimum

### Material

#### Body

Brass

#### Center Contacts

Beryllium Copper

#### Insulators

PTFE

### Finishes

#### Solder Tails

Gold over Nickel

#### Board Locks

Tin over Nickel

#### Outer Contact

Gold over Nickel,  
or Nickel

#### Center Contact

Gold over Nickel

This series complies with CECC 22230 and SMPTE SDI specifications.

## Part Numbers

Part Number	Description	Drawing Number	Plating	Packaging	Photo
034B-060-00401H	PCB Jack, Right-Angle	SD034B-060-00401H	Gold	Tray	2
034B-060-00402H	PCB Jack, Right-Angle, Board-Lock, Closed-Entry	SD034B-060-00402H	Gold/Tin	Tray	3
034B-060-00402TK	PCB Jack, Right-Angle, Board-Lock, Closed-Entry	SD034B-060-00402TK	Nickel/Tin	Tray	4
034B-060-00402TKU	PCB Jack, Right-Angle, Board-Lock, Closed-Entry	SD034B-060-00402TKU	Nickel/Tin	Tape & Reel	4
0347-086-00402H	PCB Jack, Edge-Mount, Board-Lock, Closed-Entry	SD0347-086-00402H	Gold	Tray	5
0347-086-00402N	PCB Jack, Edge-Mount, Board-Lock, Closed-Entry	SD0347-086-00402NU	Nickel/Gold	Tray	5
0347-086-00402NU	PCB Jack, Edge-Mount, Board-Lock, Closed-Entry	SD0347-086-00402NU	Nickel/Gold	Tape & Reel	5
0347-060-00401H	DIN Straight PCB, 0.090 Solder Tail	SD0347-060-00401H	Gold	Tray	1
0347-060-00402H	DIN Straight PCB, 0.155 Solder Tail	SD0347-060-00402H	Gold	Tray	1
0347-060-00407N	DIN Straight PCB, Board-Lock, SMT Contacts, Closed-Entry	SD0347-060-00407N	Nickel/Gold	Tray	N/A
0347-060-00407NU	DIN Straight PCB, Board-Lock, SMT Contacts, Closed-Entry	SD0347-060-00407N	Nickel/Gold	Tape & Reel	N/A



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



#### Spanner Wrench

KTW-20-1

Tool to install and remove DIN 1.0 / 2.3 PCB Jacks. Spanner nuts have 4 slots.



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