

Mini DIN Connectors



Description:

Miniature version of DIN connectors, available with 3 to 9 pins. Mainly used on computer mice and keyboards (PS/2), and video equipment (SVHS). The shape of the shell, and a plastic pin in the centre of the plug ensures it will only fit one way round. Most common is the 5 pin 'A' type, used for audio connections. Unlike full size DIN connectors, the location and numbering of the pins is not standard for all connectors in the series.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
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[Http://www.100y.com.tw](http://www.100y.com.tw)

Typical Applications:

4-pin - SVHS video connections

6-pin - PS/2 keyboard and mouse connections

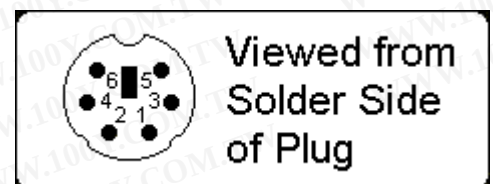
Other applications requiring a low voltage miniature multipole connector

See [here](#) for details of full size DIN connectors.

Pin Assignments:

PS/2 Keyboard and Mouse Connections (6-pin):

- Pin 1: Data
- Pin 2: No Connection
- Pin 3: Ground (0V)
- Pin 4: +5V DC
- Pin 5: Clock
- Pin 6: No Connection

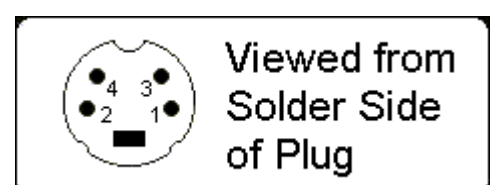


Note that although the mouse and keyboard have identical pin connections, the connections on the computer are not interchangeable.

See [D Connectors](#) for pin-outs of serial mice.

SVHS Video Connections (4-pin):

- Pin 1: Luminance Ground
- Pin 2: Chrominance Ground
- Pin 3: Luminance or Intensity (Y)
- Pin 4: Chrominance or Colour (C)



Connector Assembly Instructions:

Line Plug / Socket:

Normally solder connections. Thread outer cover onto cable, solder wires to pins, then assembly 2 halves of shell around connections and close cable clamp with pliers. Slide the plastic cover over the shell - a tab on the metal shell holds it on (you will need to bend the tab in to remove the cover again). 2-pin plugs/sockets may have screw connections and a push-on cover.

Chassis Socket:

Normally solder connections. It may help to fix the socket to the panel first to hold it steady.

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