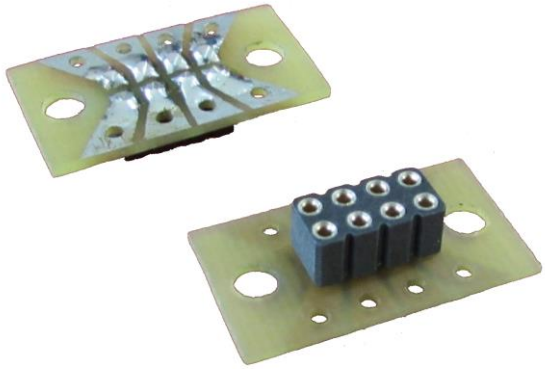
# JTElectronics

# DCC Socket Board

# Model: DCCS1



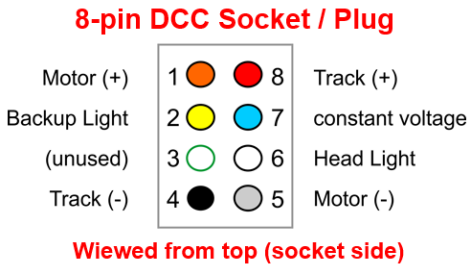
This DCC Socket Board will allow you to make a locomotive “DCC Ready” and allow plugging in a standard DCC Decoder board to control the locomotive. The eight individual pin sockets are brought out to eight larger pads on the board to allow connection of the locomotive wiring.

It can be mounted into the locomotive using the two 3.2mm mounting holes, or double-sided foam tape.

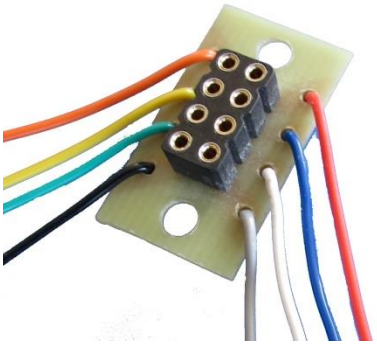
If you want to continue to run the locomotive on an analogue DC controller, you can insert An optional “DCC Blanking Plug” into the DCC Socket Board and it will work on your DC analogue controller system without a DCC decoder board.

| | |
|---|---|
| Approx. Board Dimensions: | 22mm x 13mm |
| Mounting Hole Spacing: | 16mm |

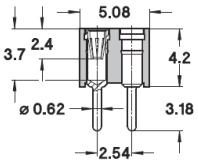
## DCC SOCKET WIRING

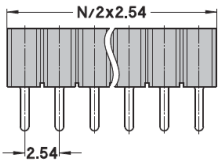



You could wire it like this:

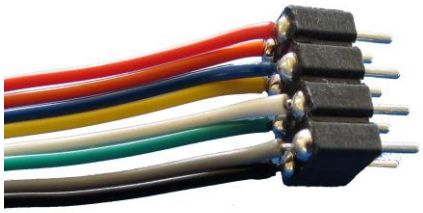


## DCC SOCKET / PLUG DETAILS




You could wire it like this:



The DCC Socket/Plug is a dual-row socket connector with 2.54mm pin spacing. The socket has two rows of four sockets making a total of eight contacts.

- It can also be used as a “DCC Bypass Plug” by soldering wires to the top of the socket.
- It can be wired onto an existing DCC Decoder to replace a damaged or missing plug.

## DCC BYPASS PLUG

The optional bare “DCC Socket” can be purchased to make up a “DCC Bypass Plug”. This can then be plugged into a locomotive fitted with the DCC Socket Board and the locomotive will function on an analogue DC system (without a DCC Controller board fitted). The plug is supplied bare (unsoldered) – you will need to consult the DCC Socket Wiring Diagram to solder wires between the socket holes as needed.

At a minimum you will need to join ping 1 & 8 as well as pins 4 & 5 to get the motor connected…