

IRON CONNECTOR

The diagram illustrates the wiring for an Iron Connector. It features a central circular component with six terminals. The connections are as follows:

- Terminal 1:** Connected to a green wire labeled "HEATER / T12 TC".
- Terminal 2:** Connected to a green wire labeled "1322 TC".
- Terminal 3:** Connected to a green wire labeled "Tip earth", which then passes through a brown rectangular component labeled "R12 100K" before reaching a green ground symbol.
- Terminal 4:** Connected to a green wire labeled "HANDLE_SWITCH".
- Terminal 5:** Connected to a green wire labeled "CONN-T12".
- Terminal 6:** Connected to a green wire labeled "Mains earth (Not connected to Gnd)".

The schematic shows the WAKE pin connected to a 3V3 supply via a 100k resistor (R2). A 10k resistor (R13) connects the HANDLE_SWITCH pin to the WAKE pin. A 100nF capacitor (C2) and an SMBJ6.0CAAG diode (D2) are connected from the WAKE pin to ground.

Diagram showing the connection for Pin 1 of the J1 header. The pin is connected to ground (GND), represented by a ground symbol.

[illegible]