PCB L/214
WiDMX OEM DMX 512 RECEIVER
MECHANICAL DRAWING

J2 RF module connector with U.F.L antenna connector (bottom)

J1 Interface connector (bottom)

Pin 1 position

1x Ø 3,2 screw hole

Figure 1 WiDMX PCB layout and dimensions (units in mm) scale 2:1

J1 pin configuration is found below.

Pin no	Pin function
1	Not Connected
2	Not Connected
3	DC input 5±0,2V
4	GND
5	DC input 5±0,2V
6	Signal LED pin
7	Function switch
8	DMX data +
9	DMX data –
10	GND
11	Reserved
12	Reserved
13	Reserved
14	Reserved
15	Reserved
16	Reserved
17	Reserved
18	Reserved
19	Reserved
20	Reserved

Connector J1

DC-power and DMX are connected to a standard 2x10 2.54mm pin header
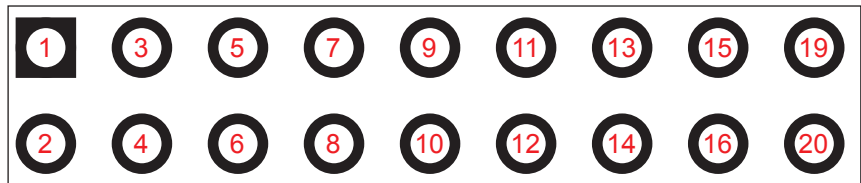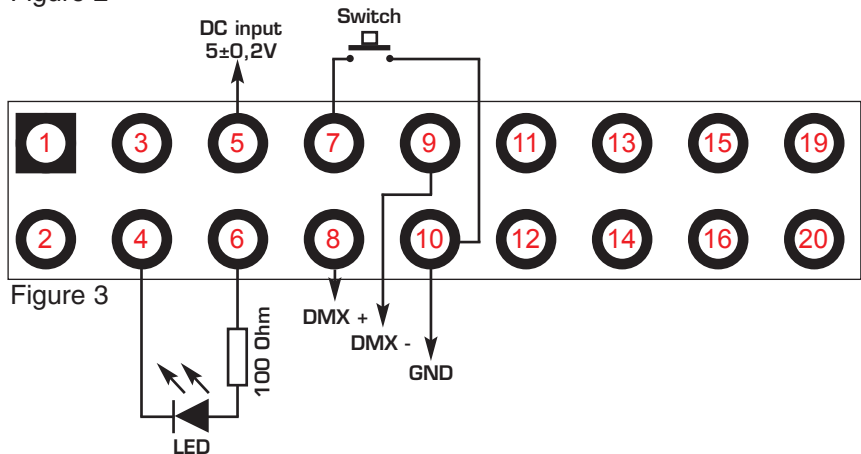Refer to Figure 2 for pin position

Figure 2

Figure 3

USER INTERFACE
An user interface can be created using a normally open momentary switch for operation, and a LED for status indication. For details about how to connect these, refer to Figure 3 Typical application circuit.
NOTE: This user interface is mandatory for proper operation of the OEM PCB Wireless receiver.

LED FUNCTION
Normal blinking:	*Active radio*, **no DMX 512 signal**.
Fast blinking:	*Paired to a transmitter*, **no active radio**.
Switched on:	*Active radio, DMX 512 signal OK.*
Switched off:	**Not paired to any transmitter**.

USE OF THE SWITCH
To delete Pairing, press the switch for more than two seconds,

The Receiver will work only after the PAIRING operation is executed.
Refer to Wi DMX associated transmitter user's manual.