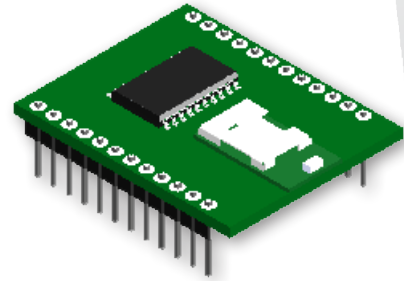
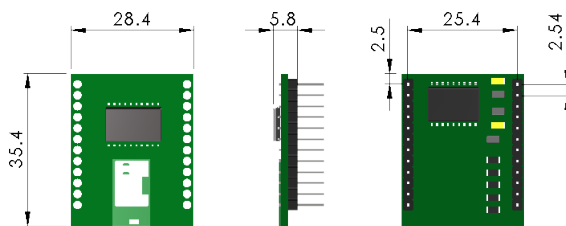


# 6311 Bluetooth® V2 PCB Receiver – 6311-BLE2-001

- UL 60601-1 approved
- Secure PAN (Personal Area Network), with up to 2 transmitters
- Ultra low power with 1µA sleep current
- Range: Nominally 10 m (up to 15 m line of sight, Latency may increase with range)
- Selectable Latency:
  - Setting 1. Typically <200 ms at 10 m
  - Setting 2. Typically <100 ms at 10 m
- LED indication of battery status
- Choice of 15 or 60 minutes timeout for further battery conservation
- Auto wake from sleep/re-connect on press of the pedal



## Reference Dimensions mm



## Specifications

Supply rating	5-24V DC	Operating temperature	0 to +40°C
Output rating	100mA @24VDC	Standards/approvals	UL 60601-1, File Number E353500, Low Voltage Directive 2014/35/EU, REACH, RoHS & WEEE
Output configuration	8 open collector transistor outputs	Radio type approvals	Europe (ETSI RED) US (FCC/CFR 47 part 15 unlicensed modular transmitter approval) Canada (IC RSS)
Degree of protection	EN 60529 IP44	Certification and compliance	Radio Equipment Directive 2014/53/EU: <ul style="list-style-type: none"> <li>• Effective use of frequency spectrum: EN 300 328</li> <li>• EMC: EN 301 489-1, EN 301 489-17, EN 61000-6-2</li> <li>• Health and safety: EN62479, EN 60950-1</li> </ul> Medical Device Directive 93/42/EEC: <ul style="list-style-type: none"> <li>• EN 60601-1-2 Compliant (Customer's risk assessment required)</li> <li>• EN 60601-1, UL file number E353500</li> </ul>
Connections	Receiver connections via 2.54 mm pitch PCB pin header, suitable for connections to LEDs and push button or microcontrollers: <ul style="list-style-type: none"> <li>• Transistor Output</li> <li>• 1 pairing button Input</li> <li>• 1 pairing process indication output</li> <li>• 1 battery level indication output</li> <li>• 2 transmitter connection status indication outputs</li> <li>• Sleep timeout select input</li> <li>• Latency Select Input, typically &lt;100mS or &lt;200mS for extended battery life</li> <li>• Power Connections</li> </ul>	Storage temperature	-20 to +65°C

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