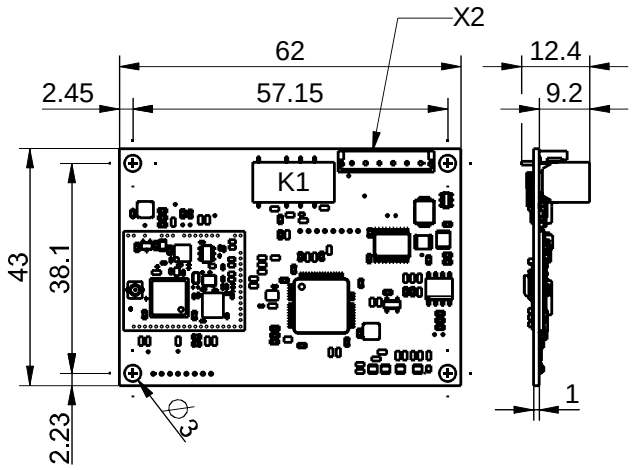
Medical wireless receiver
REC SW2.4LE-MED 5VDC PCB
Article no.: on request

Product features

- Wireless receiver for medical applications
- Circuit board for integration in medical device
- 1 digital validate output (relays)
- 1 serial interface (RS 232)

Dimensions



General technical data

Applied standards
IEC 60601-1, ANSI/AAMI ES60601-1, IEC 62304, IEC 60529

Antenna
external antenna

Mechanical life
> 1 million operations

Rated operating voltage U_e
5 VDC

Rated operating current I_e
not activated < 100 mA; activated < 200 mA

Rated operating power Pe
500 mW

Outputs
1 potential-free NO contact: K1 Reed-Relay

Switching capacity
max. 10 W

Switching voltage
24 VAC/DC

Switching current
max. 0.5 A

Conformity
Global: cCSAus IEC 60601-1, -1-2, -2-22, -2-43
Europe: CE EN 300 328; EN 62479
USA: FCC, Part 15C, Identifier: XK5-SW24LE
Canada: IC RSS-247, Identifier: 5158A-SW24LE
Japan: ARIB STD-T66

Wireless technology

Frequency
2.4 - 2.4835 GHz

Channel bandwidth
2 MHz

Modulation type
GFSK, adaptive frequency hopping of 40 channels

Output power
3 dBm - 7 dBm

Input sensitivity
-93 dBm

HF data rate
1 Mbps

Interface data rate
115.2 kBd (UART)

Wireless range
10 m (typical)

Errors and omissions excepted.

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Note

- Since this article is part of a medical product, it can only be validated in combination with the overall system. Proof of conformity to the Medical Device Regulation (MDR 2017/745) can therefore only be handled by the customer marketing the system. At the request of the customer, steute can affix a CE mark with the 4-digit number of the appropriate notified body.

Errors and omissions excepted.