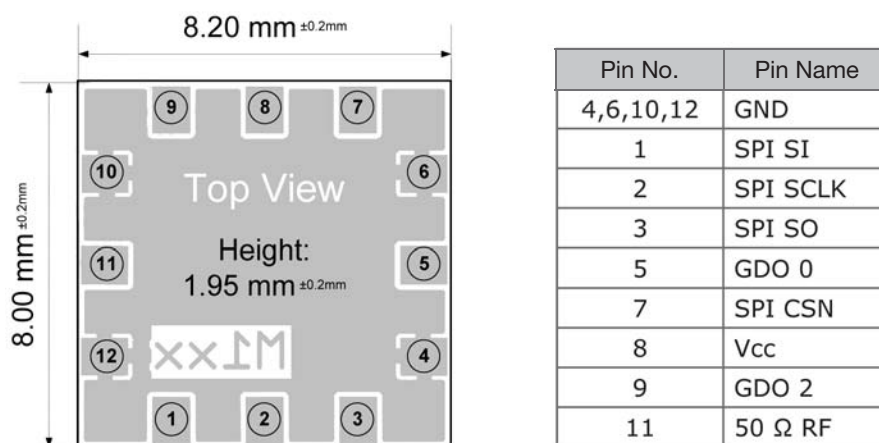


Dimensions & Pin Layout:



Technical Specifications:

Parameter	Value	Condition / Notes
Receiver Sensitivity, at 2.4 kbps, 2-FSK at 250 kbps, 2-FSK	-100 dBm -85 dBm	
Output Power	-30 to 10 dBm	Delivered to 50 Ω load. The output power is programmable.
RSSI Dynamic Range	-136 to -8 dBm	
PLL Lock Time (Rx/Tx turn time)	10 μs	For 1x IF frequency step
PLL turn-on time, crystal oscillator on in power down mode	80 μs	Crystal oscillator running
Power Down Mode	900 nA typ.	Standby with WOR enabled
Current Consumption (Receive Mode @ 2.4 kbps)	14.2 mA typ.	Current is programmable and can be increased for improved sensitivity
Current Consumption (Transmit Mode) P=3mW (5dBm)	19.7 mA typ.	Delivered to 50 Ω load.
Operating Temperature Range	-40°C to +85°C	

Notes:

All parameters are valid for VDD = 3.0V, Tamb = 25°C and 868MHz

Maximum output power is 10dBm. All other frequencies, e.g. 315 MHz, 433 MHz and 915MHz are also available on request.