

# 434 MHz AM OOK Transmitter module with External Antenna

## TX-4MBOSAIO

3V

**Pin-out**

- 1) Ground
- 2) Data Input
- 4) Ground
- 10) RF Output
- 11) RF Output
- 13) Ground
- 15) +V

10 dBm

Information subject to change without notice

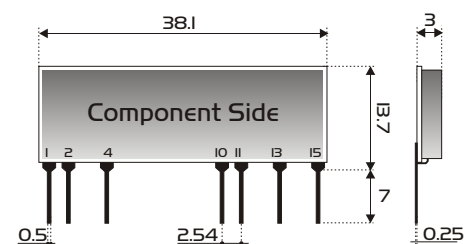
## Description

SAW transmitter module with external antenna and constant power supply, ideal for application when you need to modulate ON-OFF a RF carrier with digital signals. In compliance with EN 300 220. @3V homologable.

## Descrizione

Modulo trasmettitore SAW con antenna esterna ed alimentazione fissa, ideale per applicazioni con modulazione ON-OFF di una portante RF con dati digitali. In accordo con EN 300 220. Omologabile a @3V.

## Mechanical Dimensions



## Technical Specification

Ta = 25 °C

CHARACTERISTICS		MIN	TYP	MAX	UNIT
V <sub>s</sub>	Supply Voltage • Alimentazione	2.7	3	5	Vdc
I <sub>s</sub>	Supply Current • Corrente assorbita	16	18	32	mA±1
F <sub>c</sub>	Carrier frequency • Frequenza portante		433.92		MHz
P <sub>o</sub>	RF Output power • Potenza di uscita RF	+7	+9	+15	dBm±1dB
Z <sub>o</sub>	RF Output Impedance • Impedenza d'uscita RF		50		Ω
F <sub>m</sub>	Square wave modulation • Frequenza di modulazione			3	KHz
L <sub>i</sub>	Input logic level • Livello logico d'ingresso	0		V <sub>s</sub>	V
T <sub>op</sub>	Operating temperature range • Temperatura di lavoro	-20		+80	°C

Product Code: 650200529