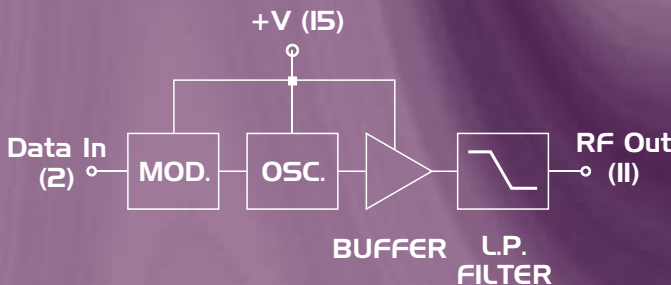


# 868 MHz SAW RF Transmitter Module with External Antenna



**Pin-out**

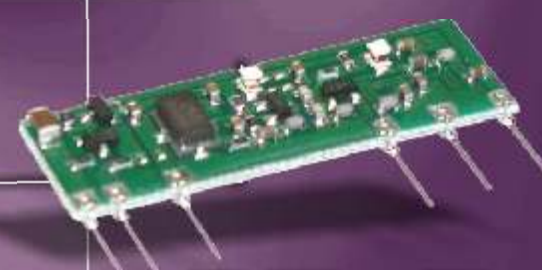
- 1) Ground
- 2) Data Input
- 4) Ground
- 10) Ground
- 11) RF Output
- 13) Ground
- 15) +V

## TX-8LAVSA05

Variable Supply



7 dBm



2.7 to 5v

Information subject to change without notice

## Description

SAW transmitter module with external antenna ideal for application when you need to modulate ON-OFF a RF carrier with digital signals.

Variable power supply.

In compliance with EN 300 220.

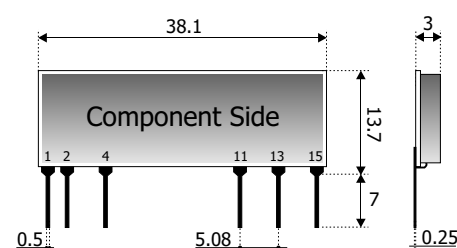
## Descrizione

Modulo trasmettitore SAW con antenna esterna per applicazioni con modulazione ON-OFF di una portante RF con dati digitali.

Tensione di alimentazione variabile nell'intervallo di specifica.

In accordo con EN 300 220.

## 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                 | 20  | 25    | 50             | mA   |
| F <sub>c</sub>  | Carrier frequency • Frequenza portante              |     | 868.3 |                | MHz  |
| P <sub>o</sub>  | RF Output power • Potenza di uscita RF              | +4  | +5    | +7             | dBm  |
| 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: 650200546

Date : 06/II/2001