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SAW RF Transmitter Module with EXTERNAL ANTENNA

TX-SAW 433/s-Z

3 to 5V dBm
7.5

5 to 8V dBm
4

8 to 12V dBm
9.5

434 MHz

Pin-out

- 1) Ground
- 2) Input Mod.
- 3) Input Mod.
- 4) Ground
- 11) Ground
- 13) Ground
- 15) +V (3 to 12V)

Variable Supply

Information subject to change without notice

Description

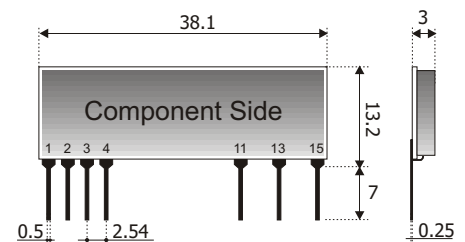
SAW transmitter module with external antenna ideal for applications when you need to modulate ON-OFF a RF carrier with digital signals.

In compliance with European Standard **EN 300 220** and **ETS 300 683** (Electromagnetic Compatibility).

Descrizione

Modulo trasmettitore SAW con antenna esterna per applicazioni con modulazione ON-OFF di una portante RF con dati digitali. Conforme alle Normative Europee **EN 300 220** ed **ETS 300 683** (Compatibilità Elettromagnetica).

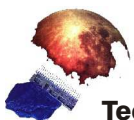
Mechanical Dimensions



Ta = 25 °C

Technical Specification

CHARACTERISTICS		MIN	TYP	MAX	UNIT
V _S	Supply Voltage • Alimentazione	3 ÷ 5	5 ÷ 8	8 ÷ 12	Vdc
I _S	Supply Current • Corrente assorbita	3.5 ÷ 7.5	3.5 ÷ 4	7.5 ÷ 9.5	mA
F _C	Working frequency • Frequenza di lavoro		433.92		MHz
P _{ERP}	RF Output power (E.R.P.) • Potenza di uscita RF (E.R.P.)	3.5 ÷ 8	7.5 ÷ 10.5	12 ÷ 15	dBm
E _S	RF spurious emission • Emissioni RF spurie		-50		dB
F _M	Square wave modulation • Frequenza di modulazione	3	4	4	KHz
L _I	Input logic level • Livello logico d'ingresso	V _S	V _S	V _S	V
T _{OP}	Operating temperature range • Temperatura di lavoro	-20		+80	°C



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