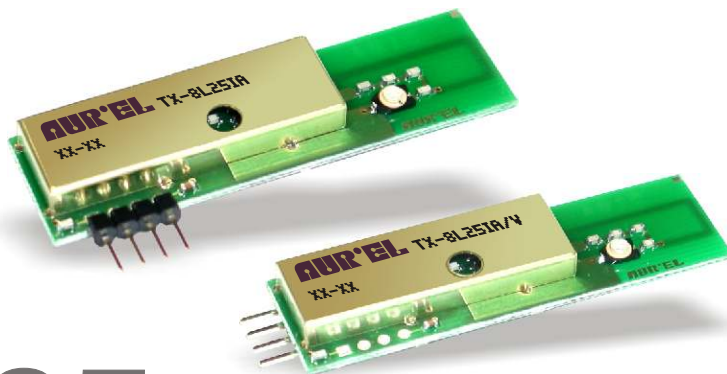


TX-8L25IA
TX-8L25IA/V



868.3 MHz AM (OOK) transmitters
with dedicated antenna



25_{mW} E.R.P.

Description

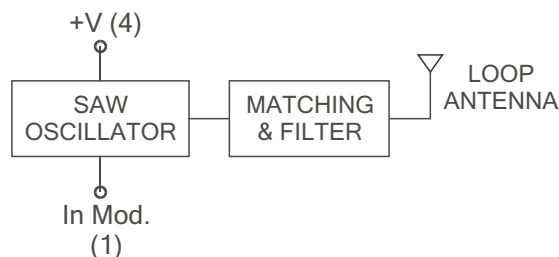
SAW transmitters module with dedicated loop antenna ideal for applications where it is required maximum irradiated power and minimal space occupation.

In compliance with European Normative

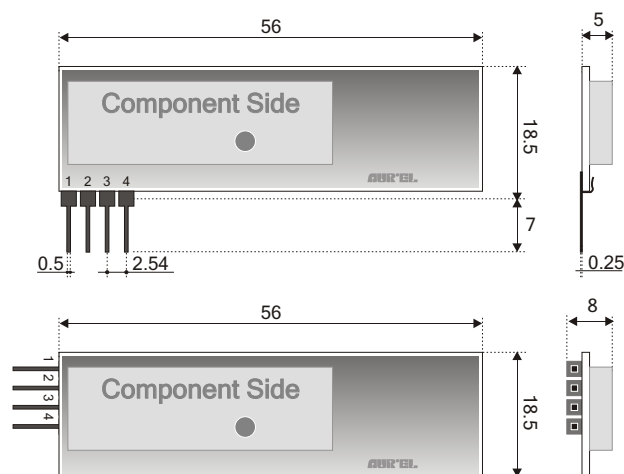
Descrizione

Modulo trasmettitore SAW con antenna dedicata, ideale per applicazioni ove sia richiesta la massima potenza irradiabile e il minimo ingombro in termini di spazio occupato. Conforme alle Normative Europee.

Block diagram



Mechanical Dimensions



Pin-out

- 1) Input mod.
- 2) Ground
- 3) Ground
- 4) +V

AM OOK 868.30
code sending

868.3 MHz AM (OOK) transmitter with dedicated antenna

Technical Specification

Ta = 25 °C

Characteristics	Min	Typ	Max	Unit
V _s Supply Voltage	2.5	3	3.3	Vdc
I _s Supply Current (*)		25		mA
F _c Carrier frequency		868.3		MHz
P _o RF Output power (E.R.P.)		25		mW
E _s RF spurious emission		-50		dBm
F _M Square wave modulation			5	KHz
L _H High logic level	2.7		3.3	V
L _L Low logic level	0		0.2	V
T _{OP} Operating temperature range	-20		+80	°C

(*) Duty Cycle 50%

Specifiche Tecniche

Ta = 25 °C

Caratteristiche	Min	Tip	Max	Unit
V _s Alimentazione	2.5	3	3.3	Vdc
I _s Corrente assorbita (*)		25		mA
F _c Frequenza portante		868.3		MHz
P _o Potenza di uscita (E.R.P.)		25		mW
E _s Emissioni RF spurie		-50		dBm
F _M Frequenza di modulazione			5	KHz
L _H Livello logico alto (@Vs=3V)	2.7		3.3	V
L _L Livello logico basso (@Vs=3V)	0		0.2	V
T _{OP} Temperatura di lavoro	-20		+80	°C

(*) Duty Cycle 50%

Part Number / Model

P.N. 650200846 mod. TX-8L25IA
P.N. 650200847 mod. TX-8L25IA/V