

# 434 Mhz Standard (OOK) Receiver

3 mA max

**Pin-out**

- 1) +V
- 2) Ground
- 3) Antenna
- 7) Ground
- 11) Ground
- 13) Test Point
- 14) Data Output
- 15) +V

## BC-NBK

# 5v

Information subject to change without notice

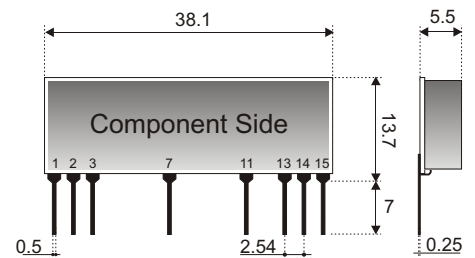
## Description

High-miniaturization SIL thick-film hybrid circuit.  
 Low cost, low antenna radiation and high insensitivity to power switching noises.  
 In compliance with European Normative.

## Descrizione

*Ricevitore economico su allumina ad elevata miniaturizzazione.  
 Basso assorbimento, bassa radiazione in antenna ed alta immunità ai disturbi di alimentazione.  
 In accordo con le Normative Europee.*

## Mechanical Dimensions



## Technical Specification

Ta = 25 °C

CHARACTERISTICS		MIN	TYP	MAX	UNIT
V <sub>s</sub>	Supply Voltage • Alimentazione	4.5	5	5.5	Vdc
I <sub>s</sub>	Supply Current • Corrente Assorbita			3	mA
F <sub>w</sub>	Reception frequency • Frequenza di ricezione		433.92		MHz
S <sub>i</sub>	RF sensitivity • Sensibilità RF		-103		dBm
B <sub>w</sub>	- 3dB RF Bandwidth • Banda passante RF a - 3dB		±1.2		MHz
S <sub>o</sub>	Square wave output • Onda quadra in uscita			2	KHz
S <sub>L</sub>	Spectrum emitted level • Radiazione in antenna		-65	-60	dBm
H <sub>o</sub>	Output high voltage • Livello alto d'uscita	V <sub>s</sub> - 1.2			V
L <sub>o</sub>	Output low voltage • Livello basso d'uscita			GND + 0.4	V
T <sub>ON</sub>	Switch-on time • Tempo di accensione			2	s
T <sub>OP</sub>	Operating temperature range • Temperatura di lavoro	-20		+80	°C

**Product Code: 650200208**