

Typical Applications

Telecommunication
Wireless Application

Features

Standard 4-Pin DIP Package (Half Size)

Frequency range

1 MHz – 125 MHz

Frequency stabilities

Parameter	Code I	Frequency stability	Operating temp range
	54	± 100 ppm	0....70 °C
	55	± 50 ppm	
	56	± 25 ppm	

Frequency tuning

Parameter	Code II	Value	Condition
Electrical frequency control	60	> 50ppm	
	61	>100 ppm	
Voltage range		0.5V to 4.5V	
Pulling slope		Positive	

RF output

Parameter	Value	Condition
Signal	HCMOS	Note 1
Load	15pF	
Duty cycle	40/60%	@ Vs/2

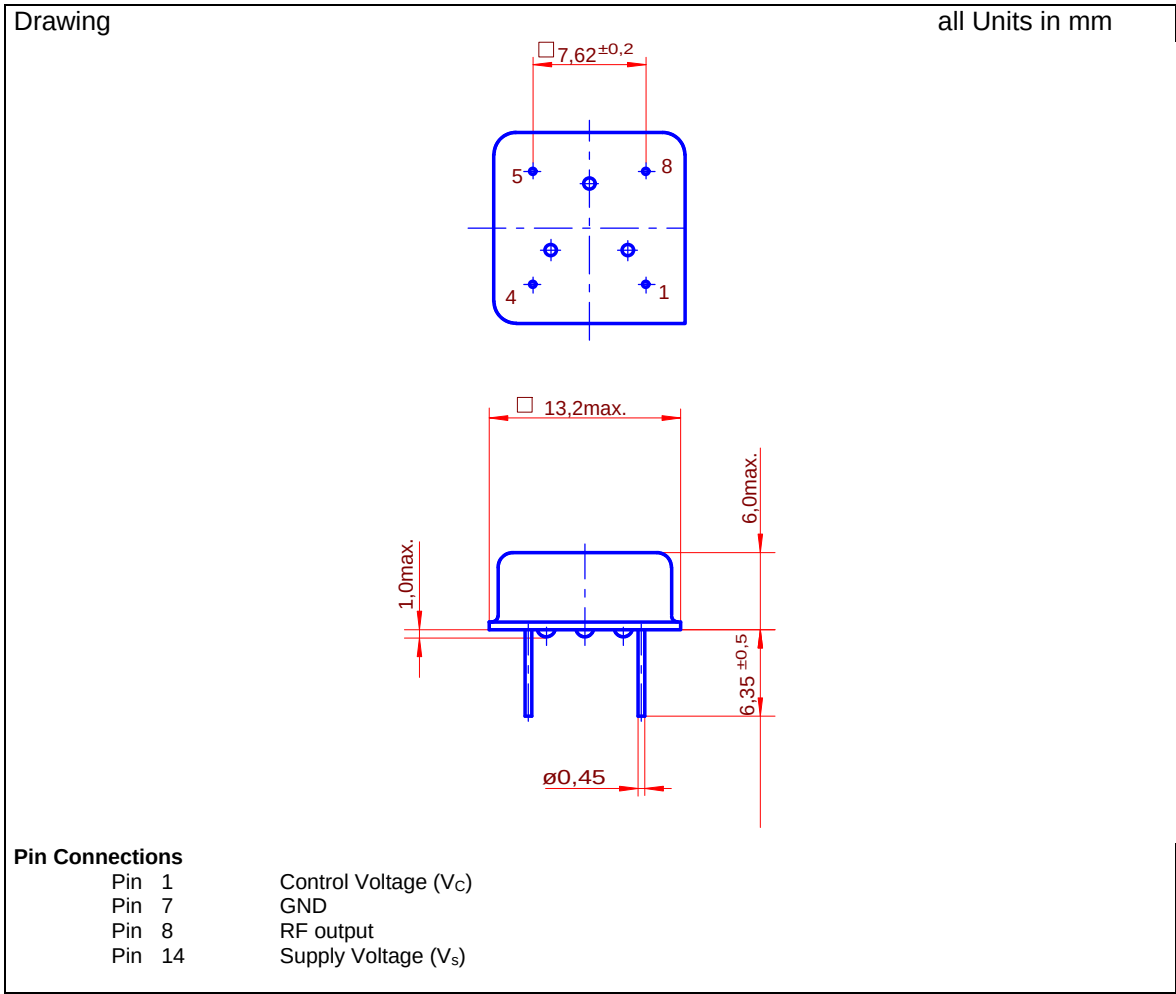
Supply Voltage

Parameter	Code III	Value	Condition
Supply voltage (Vs)	05	5V ± 5%	
Power consumption steady state		< 30 mA	< 20 MHz
		< 40 mA	< 40 MHz
		< 90 mA	< 125 MHz
Supply voltage (Vs)	33	3.3V ± 5%	
Power consumption steady state		< 30 mA	< 20 MHz
		< 40 mA	< 40 MHz
		< 50 mA	< 125 MHz

Additional parameters

Parameter	Value	Condition
Frame Specification	TQA 9000	

Enclosure



Ordering Code	Code I	Code II	Code III		
Model	Frequency Stability	Frequency tuning	Supply Voltage	Frequency	
Example: BB	54	60	05	10M00000	
Order: BB					

Notes

- 1 can drive TTL, AC MOS and CMOS
- Unless otherwise stated all values are valid after warm-up time and refer to typical conditions for supply voltage, frequency control voltage, load, temperature (25°C)
- Subject to technical modification; Not all options are available at all Frequencies