

**Typical Applications**

*Telecommunication*

**Features**

*Standard 4-Pin DIP Package  
ECL Output  
complementary RF-Output*



**Frequency range**

**70 MHz – 250 MHz**

**Frequency stabilities**

Overall (vs. Initial, vs. Temperature, vs. Load, vs. Supply, vs. 1 year aging)	Code I	Frequency stability	Operating temp range
	<b>54</b>	$\pm 100$ ppm	0....70 °C
	<b>55</b>	$\pm 50$ ppm	
	<b>56</b>	$\pm 25$ ppm	

**RF output**

Parameter	Value	Condition
Signal	ECL 10k	To -2V
Load	50 $\Omega$	
Rise and Fall time	< 2.5 ns	@ -1.3V
Duty cycle	40/60 %	
V Low	(max) -1.63V	
V High	(min) -0.98V	

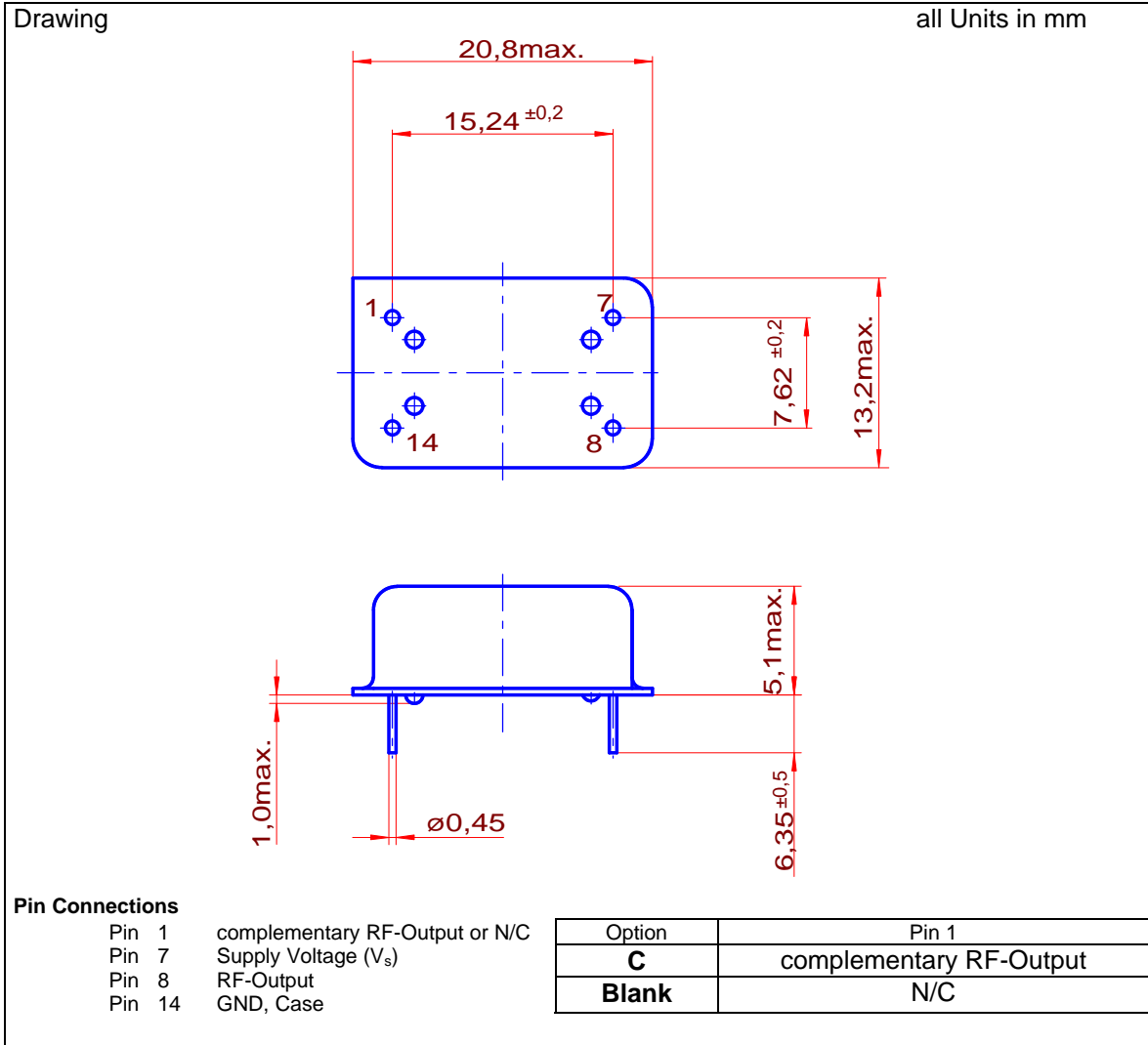
**Supply Voltage**

Parameter	Value	Condition
Supply voltage (Vs)	-5.2 V $\pm$ 5 %	
Current max	< 60 mA	

**Additional parameters**

Parameter	Value	Condition
Frame Specification	TQA 9000	

**Enclosure**



Ordering Code	Code I	Option	Frequency
Model	Frequency Stability	complementary RF-Output	
Example: AC	54		200M00000
Order: AC			

**Notes**

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