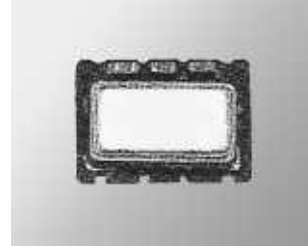


# Oscillator SMD, voltage-controlled, temperature-compensated

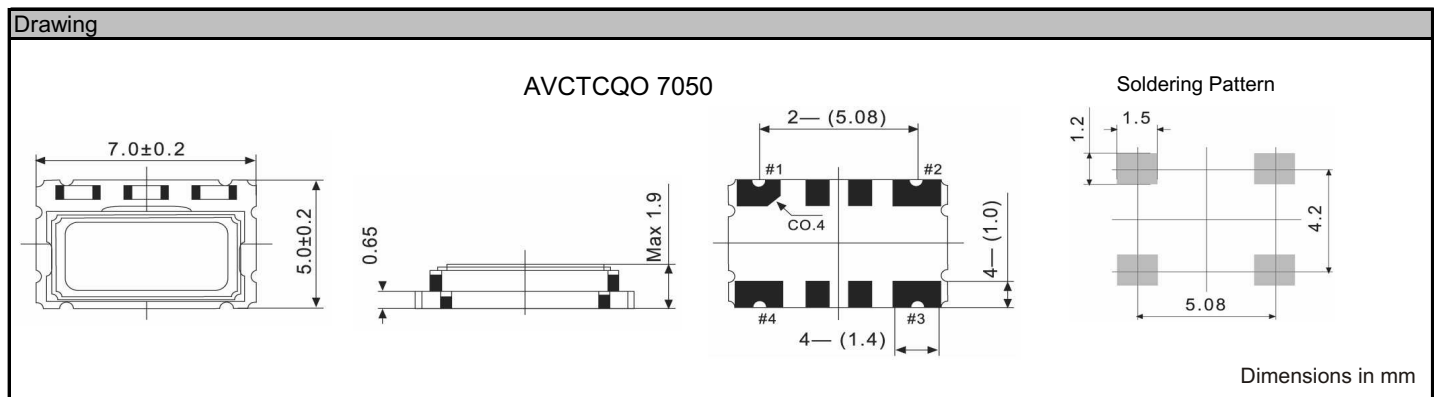
## AVCTCQO 7050



### Features:

- Small Size 7x5mm
- For cellular telephones and GPS
- High accuracy

Specifications		
	AVCTCQO 7050	Remarks
Frequency range	12 ~ 20MHz	Please specify
Nominal frequency	12.8 / 13.0 / 14.4 / 15.36 / 19.2 / 19.68 MHz	
Frequency tolerance	±0.5 ppm	
Frequency vs temperature	± 2.5 ppm (-30°C ~ +75°C)	
Frequency vs aging	± 1.0 ppm / year (25°C)	
Frequency vs supply voltage	± 0.3 ppm / (+3.0V ±5%)	
External control voltage Vc =	+1.5V ± 1.0Vdc	
Frequency tuning range	±4.0 x10 <sup>-6</sup> ppm min (positive)	
Operating temperature	-30°C ~ +75°C	
Storage temperature	-40°C ~ +85°C	
Supply voltage	+2.8V ~ +5.0V	
Current	2mA	Max
Output load	10K Ohm / 10pF	
Output voltage	0.8Vp-p	Min



Order key						
Part	Frequency	Type/Package	Tolerance	Voltage	Temperature	Opion
O	- 20.000000M	- AVCTCQO 7050	- 0.5	- 5.0	- D	- TR
O=Oscillator	M=MHz	AVCTCQO=Voltage compensated, Temperature controlled QO 7050=7x5mm	+/-ppm	5,0=5,0Volt 2,7=2,7Volt 3,0=3,0Volt	A= 0°C - 70°C B=-10°C - 60°C C=-10°C - 70°C D=-20°C - 70°C	TR=Tape and reeled X=Special options

Remarks: All specifications subject to change without notice!