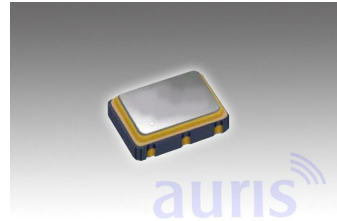


Features

- Small size 2,5x2,0mm
- Voltage-controlled
- High accuracy

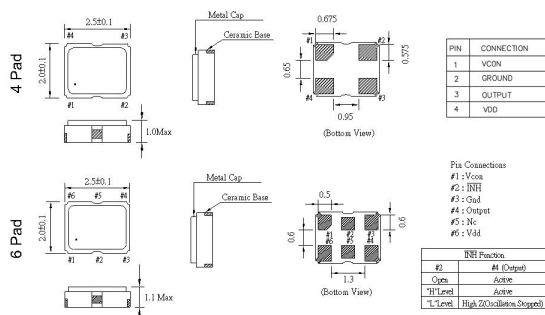


AVCQO2520

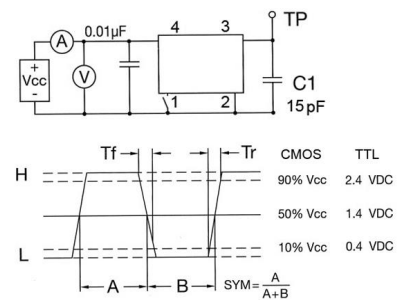
Specification

Type	AVCQO2520	
Frequency Range	1,25 MHz ~ 62,0 MHz	Supply Current
Frequency Tolerance at 25°C±5°C	standard ±50ppm; available ±20 ~ ±50ppm	1,25MHz ~ 62,0MHz = 15mA max
Power Supply (Vdd)	+3,3V D.C. ±10%	
Operating Temperature Range	-20°C ~ +70°C ~ -40°C ~ +85°C	Operating Temperature Range (ppm)
Output Load	15pF max. CMOS	-20°C ~ +70°C standard ±30 available ±10 ~ ±50
Output Symmetry	40/60% (45/55% optional)	-40°C ~ +85°C standard ±50 available ±10 ~ ±50
Output Voltage	90% of Vddmin. / 10% of Vdd max.	
Rise/Fall Time	6ns max.	Control Voltage Range
Start Up Time	10ms max. <5ms typical	+1,65V ±1,35V
Aging	±3ppm/year max.	
Storage Temperature	-55°C - +125°C	Frequency Adjustment Range
RoHS	compliant	±50ppm min., ±100ppm min.
Contents Of Reel	3000 pcs	

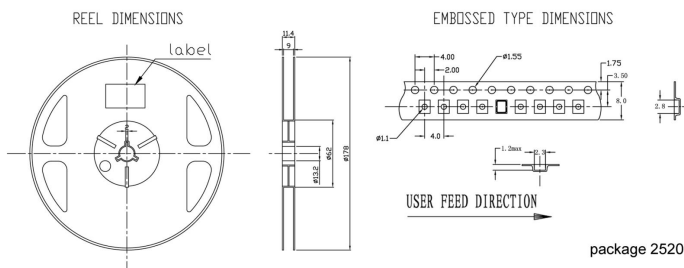
Drawing (mm)



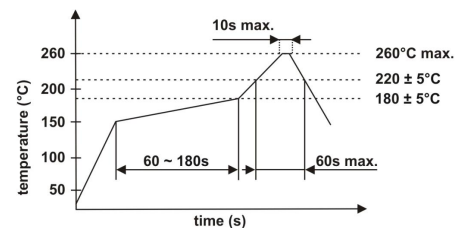
Test Circuit/Waveform



Tape dimension (mm)



Soldering profile



Order code

Part	Frequency	Type	Tolerance	Voltage	Temperature	Tristate	Packaging
O	- 10.000000M	- AVCQO 2520/4	- 50	- 3.3	- A	- T	/ TR
O=Oscillator	M=MHz	AVCQO=Quartz oscillator AVCQO 2520=SMD 2,5x2,0	±ppm	3.3=3.3Volt	A= 0°C ~ +70°C B= -10°C ~ +60°C C= -10°C ~ +70°C D= -20°C ~ +70°C E= -40°C ~ +85°C	(only for 6 Pad)	TR = tape + reeled
		/4 = 4 Pad /6 = 6 Pad					