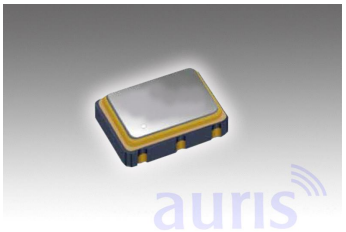
Features AQO-Series

- Pick and place assembly
- Good price/performance ratio
- Low supply voltage version available
- Small size

RoHS compliant
REACH compliant
Conflict mineral free

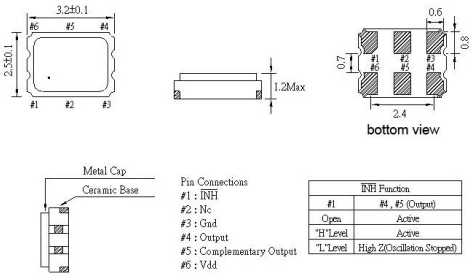


AQO3225 LVDS

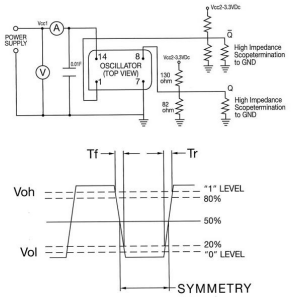
Specification

Type	AQO3225 LVDS		Supply Current
Frequency Range	13,50MHz ~ 156,25MHz		40mA max.
Frequency Tolerance at 25°C±5°C	±20ppm / ±100ppm		
Power Supply (Vdd)	+1.8V / +2.5V / +3,3V D.C. ±10%		
Operating Temperature Range	0°C ~ +70°C/-40°C ~ +85°C		
Output Signal / Load	LVDS / 100 ohm		
Output Symmetry	45%/55%		
Output Voltage	VOH Vdd 1,6V max. / VOL Vdd 0,9V min.		
Rise/Fall Time	1,5ns max		
Start Up Time	10ms max. <5ms typical		
Aging	±5ppm/year max		Operating Temperature Range (ppm)
Storage Temperature	-55°C - +125°C		-10°C ~ +70°C standard ±30 available ±10 ~ ±50
RoHS	compliant		-40°C ~ +85°C standard ±50 available ±10 ~ ±50
Contents Of Reel	3000 pcs		

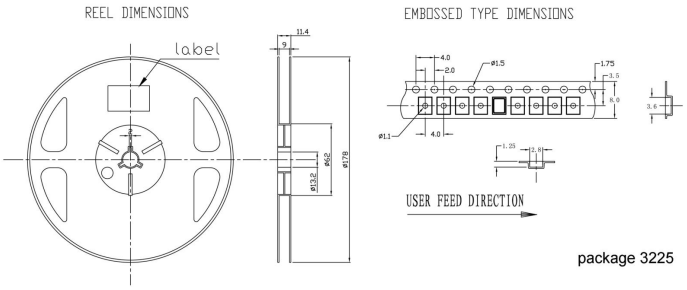
Drawing (mm)



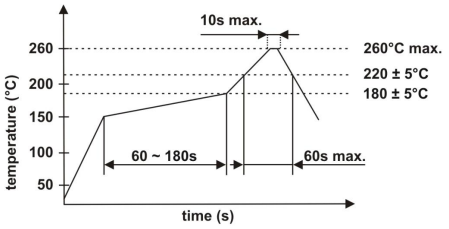
Test Circuit/Waveform



Tape dimension (mm)



Soldering profile



Order code

O	- 18.000000M	- AQO 3225/6	- 50	- 3.3	- A	- T	/ TR
Part	**Frequency**	**Type**	**Tolerance**	**Voltage**	**Temperature**	**Tristate**	**Packaging**
O=Oscillator	M=MHz	AQO=Quartz oscillator AQO 3225=SMD 3,2x2,5 /6 = 6 Pad	±ppm	3.3=3.3Volt 2.5=2.5Volt	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	Pin 1 connected	TR = tape + reeled