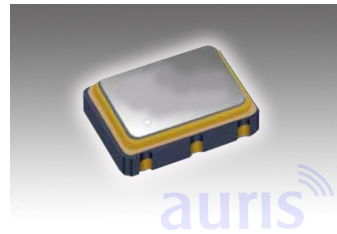


Features AQO-Series

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

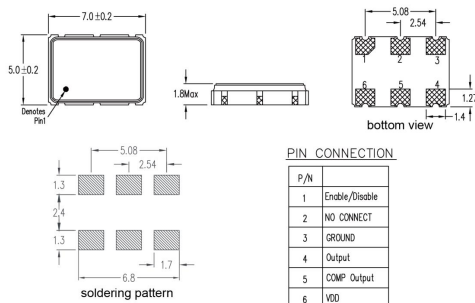


AQO7050 LVDS

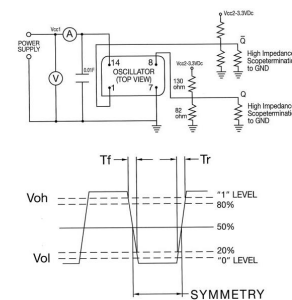
Specification

Type	AQO7050 LVDS	Supply Current
Frequency Range	13,50MHz ~ 212,50MHz	60mA max.
Frequency Tolerance at 25°C±5°C	±20ppm / ±30ppm / ±50ppm	
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 1,4V typ. / VOL Vdd 1,1Vtyp.	
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	-20°C ~ +70°C standard ±30 available ±10 ~ ±50
RoHS	compliant	-40°C ~ +85°C standard ±50 available ±10 ~ ±50
Contents Of Reel	1000 pcs	

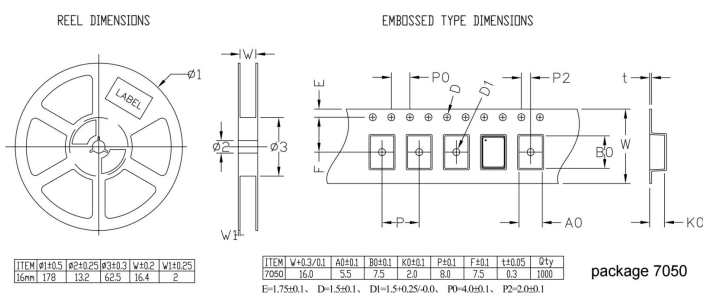
Drawing (mm)



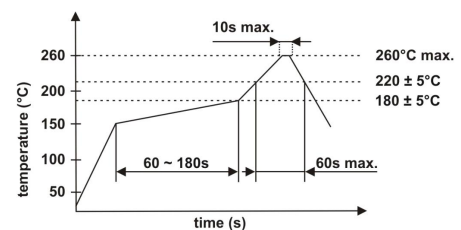
Test Circuit/Waveform



Tape dimension (mm)



Soldering profile



Order code

O	- 18.000000M	- AQO 7050/6	- 50	- 3.3	- A	- T	/ TR
Part	Frequency	Type	Tolerance	Voltage	Temperature	Tristate	Packaging
O=Oscillator	M=MHz	AQO=Quartz oscillator	±ppm	3.3=3.3Volt	A= 0°C ~ +70°C	Pin 1 connected	TR = tape + reeled
		AQO 7050=SMD 7x5		2.5=2.5Volt	B= -10°C ~ +60°C		
		/6 = 6 Pad			C= -10°C ~ +70°C		
					D= -20°C ~ +70°C		
					E= -40°C ~ +85°C		