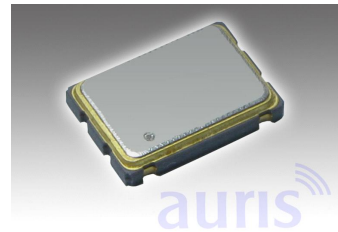


Features

- Small size, ultra thin thickness
- Wide frequency range
- High shock and vibration resistance
- Tri-state function built in

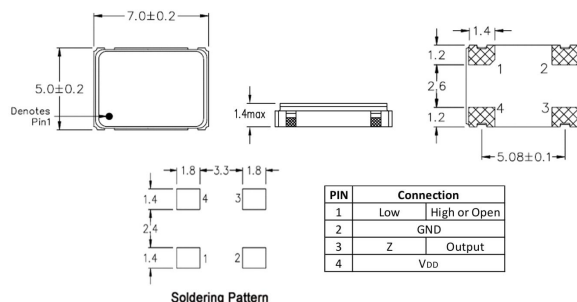


AQO7050 Clock

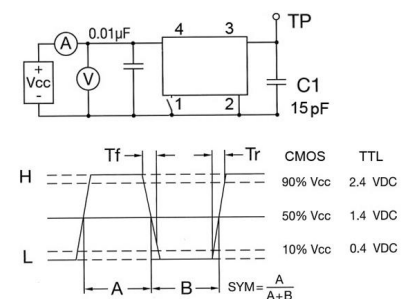
Specification

Type	AQO7050	Supply Current
Frequency Range	32,768 kHz	32,768 kHz = 200μA (10μA available)
Frequency Tolerance over all*	available ±10 ~ ±100ppm	
Power Supply (Vdd)	+1,8V - +5,0V D.C. ±10%	
Operating Temperature Range	-20°C ~ +70°C ~ -40°C ~ +85°C	
Output Signal / Load	CMOS / 15pF	
Output Symmetry	45/55% (0,5Vdd)	
Output Voltage	90% of Vddmin. / 10% of Vdd max.	
Rise/Fall Time	30ns max. <5ns typical (10% to 90% Vdd)	
Start Up Time	10ms max.	Operating Temperature Range (ppm)
Aging	±5ppm/year max	-20°C ~ +70°C standard ±50 available ±20 ~ ±50
Storage Temperature	-55°C - +125°C	-40°C ~ +85°C standard ±50 available ±10 ~ ±50
RoHS	according to RoHS 2011/65/EU	
Contents Of Reel	1000 pcs	*Incl. tol. at 25°C, temp. range, Vdd and load change, aging

Drawing (mm)



Test Circuit/Waveform



Tape dimension (mm)

