32.768kHz Watch Crystal

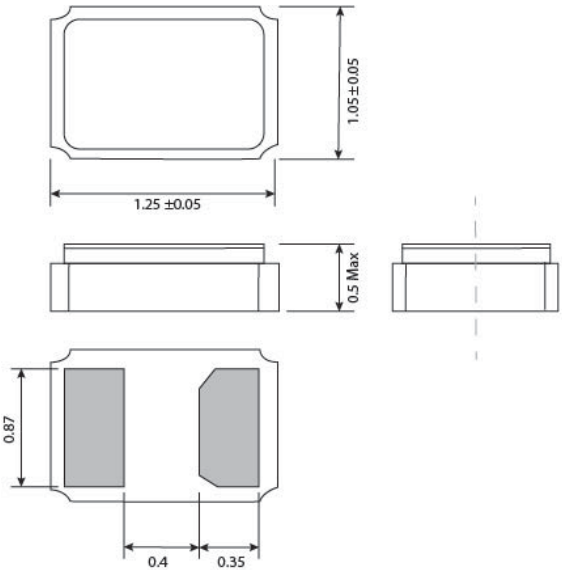
AEL 1210 1.2 x 1.0mm SMD

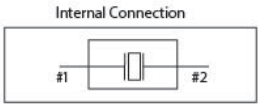
World's Smallest Watch Crystal - New for 2016

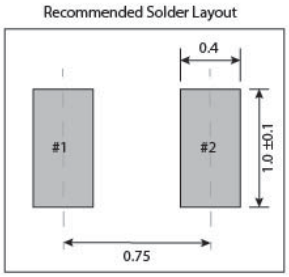
RoHS compliant 2002/95/EC

Standard Specifications

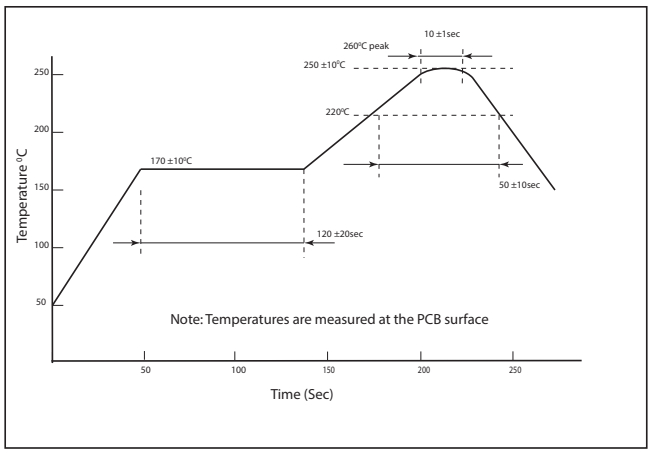
Parameter	Symbol	Specification	Remarks
Frequency Range	f_0	32.768 kHz	
Frequency Tolerance	Δ f/f	±20PPM	at 25°C with 0.1µW
Frequency Stability	Over OTR	(-3.6±10%) x10^{-8}/°C^2	
Operating Temperature Range	T_{OPR}	-40°C to +85°C	
Storage Temperature Range	T_{STG}	-55°C to +125°C	
Load Capacity	C_L	7.0pF (Std value)	6pF, 9pF, 12.5pF Also Available
Drive-Level	D_L	0.1µW Typ.	0.5µW Max
ESR	R	90 kΩ Max.	
Motional Capacitance (C1)	C_0	1.3pF	Typical
Ageing	Fa	±3.0PPM	Max. at 25°C ±3°C 1st Year

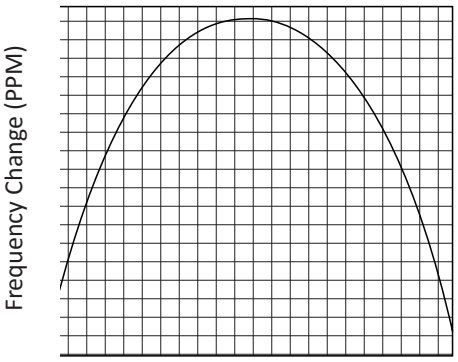






Please ensure that there are no PCB tracks under this device





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