

Features

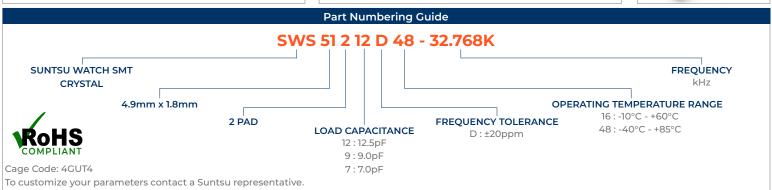
- ±20ppm (Tolerance) Available
- Ultra-Miniature Package
- Tape and Reel

Applications

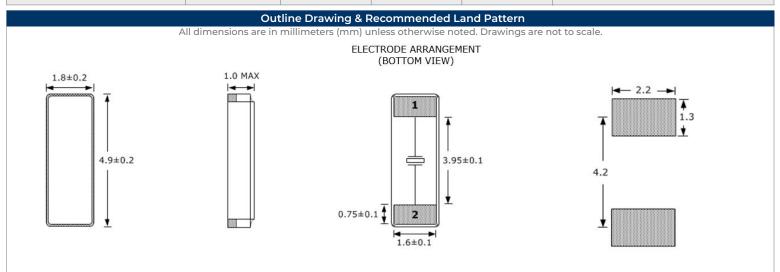
- Real Time Clock
- Measurement instruments
- Wireless Applications



4.9mm x 1.8mm



Electrical Parameters	Units	Minimum	Typical	Maximum	Remarks	
Frequency Range	kHz		32.768			
Frequency Tolerance at +25°C	ppm	-20		+20		
Frequency Stability vs. Aging	ppm	-3		+3	First year @ +25°C.	
Frequency Coefficient (B)	ppm/T²	-0.040	-0.034	-0.028		
Operating Temperature	°C	-40		+85	See part numbering guide for options.	
Turnover Temperature	°C	+20	+25	+30		
Storage Temperature	°C	-55		+125		
Load Capacitance	pF	7		12.5	See part numbering guide for options.	
Shunt Capacitance	pF		1.33			
Drive Level	μW			1		
Insulation Resistance	МΩ	500			@ 100VDC ± 15V.	
Equivalent Series Resistance	kΩ			70		





Environmental Specific	ations	Mechanical Specifications		
Temperature Cycling	MIL-STD-883, Method 1010, Condition B	Mechanical Shock	MIL-STD-202, Method 213, Condition B	
Fine Leak Test	MIL-STD-883, Method 1014, Condition A	Vibration	MIL-STD-883, Method 2007, Condition A	
Gross Leak Test	MIL-STD-883, Method 1014, Condition C	Resistance to Soldering Heat	MIL-STD-202, Method 210, Condition B	
Moisture Resistance	MIL-STD-883, Method 1004	Resistance to Solvents	MIL-STD-202, Method 215	
Moisture Sensitivity	J-STD-020, MSL 1	Solderability	MIL-STD-883, Method 2003	

