

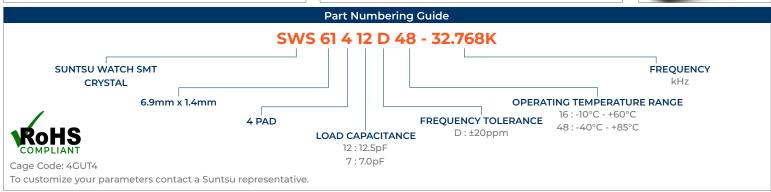
## **Features**

- ±20ppm (Tolerance) Available
- Plastic SMD Type
- Tape and Reel

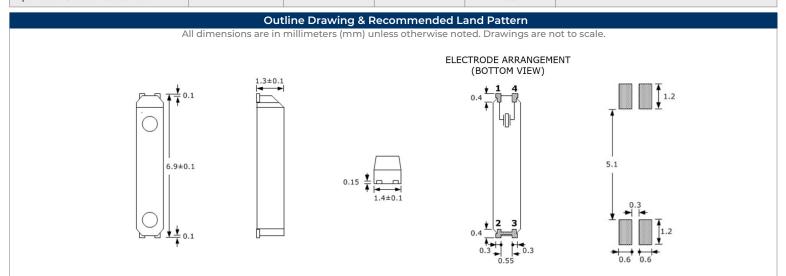
## Applications

- Real Time Clock
- Measurement instruments
- Wireless Applications





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		1.2		
Drive Level	μW			1	
Insulation Resistance	МΩ	500			@ 100VDC ± 15V.
Equivalent Series Resistance	kΩ			65	





Environmental Specifica	tions	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	

