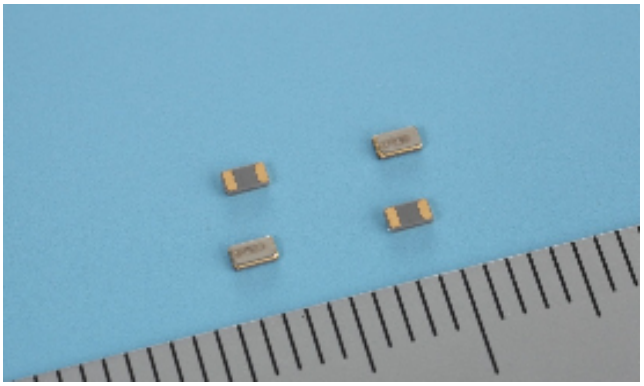
SC-20S



Features

- Thin type (0.6mm)
- Suitable for high density surface mounting
- Excellent shock and heat resistance
- Complete Pb-free
- Complies with EU RoHS directive
- A crystal resonator processed by high reliable photolithographic technology inside

Applications

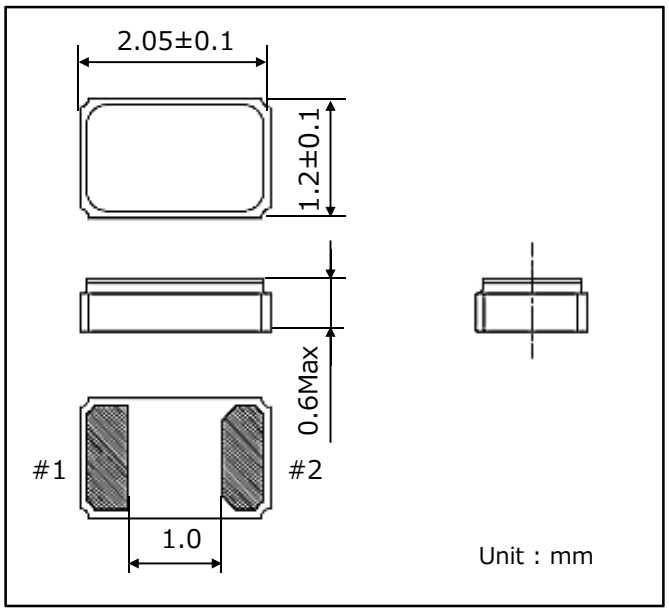
Mobile Phone, Wearable, Module,
Sub-clock function for a variety of Micro-computer etc.

Standard Specifications

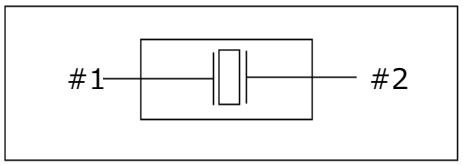
(Temperature: 25±2℃, DL;0.1μW)

Item	Symbol	Specifications	Conditions Note
Nominal Frequency	f_nom	32.768kHz	
Frequency Tolerance	f_tol	$\pm 20\times10^{-6}$	Please specify
Turnover Temperature	Ti	+25±5℃	
Parabolic Coefficient	B	$(-0.030\pm10\%)\times10^{-6}/℃^2$	
Load Capacitance	CL	6pF～12.5pF	
Motional Resistance (ESR)	R1	70kΩ max.	
Absolute Max. Drive Level	Dlmax.	1.0μW max.	
Drive Level	DL	0.1μW typ.	
Shunt Capacitance	C0	1.3pF typ.	
Frequency Ageing	f_age	$\pm3\times10^{-6}$	+25±3℃, First Year
Operating Temperature	T_use	-40～+85℃	
Storage Temperature	T_stg	-55～+125℃	Piece part basis

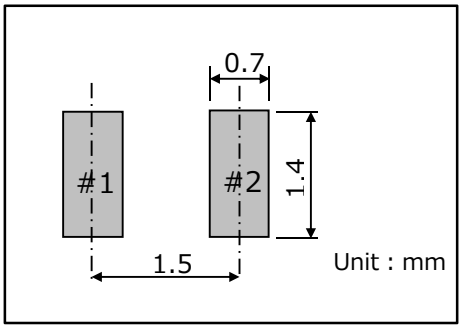
Dimensions



Internal Lead Connections



Recommended Soldering Pattern



Remark: Please make sure that there is no pattern under SC-20S on the circuit board.

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