



深圳市科源信科技有限公司  
Shenzhen KeYuanXin Technology CO., LTD

# 产品规格书

**SPECIFICATION FOR APPROVAL**

深圳市福田区振华路 118 号华丽装饰一栋西座 306A  
306A Block West Building 1, Huali Decoration  
NO. 118 Zhenhua Road Futian District Shenzhen  
电话 TEL: 4008-735-535 传真 FAX: 0755-23616323



Product Name: Crystal  
\_\_\_\_\_

Product Type: 3215  
\_\_\_\_\_

Nominal Freq: 32.768KHz  
\_\_\_\_\_

ProvideBrand: SEIKO  
\_\_\_\_\_

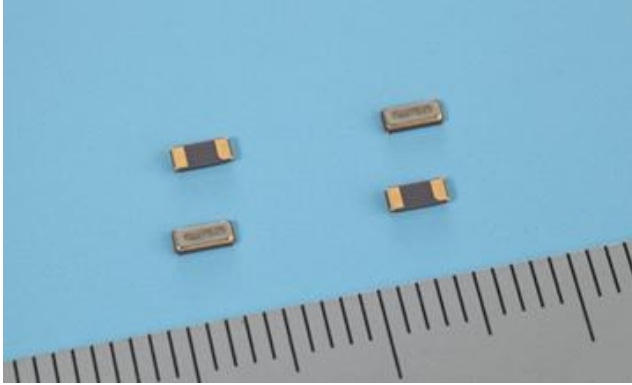
P/N: SC-32S (7PF)  
\_\_\_\_\_

Customer P/N:  
\_\_\_\_\_

Approved By Customer

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

# SC-32S



## Features

- Thin type (0.75mm)
- 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

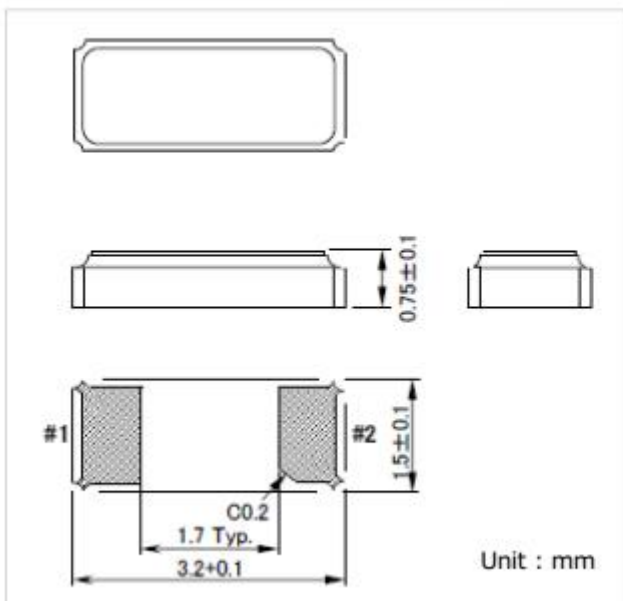
Mobile Phone, Wearable, Module, Sub-clock function for a variety of Micro-computer etc.

## Standard Specifications

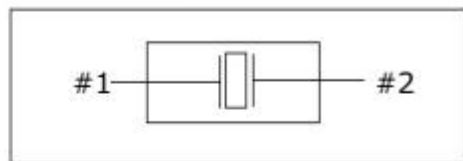
(Temperature: 25±2°C, DL;0.1µW)

Item	Symbol	Specifications	Conditions Note
Nominal Frequency	f_nom	32.768kHz	
Frequency Tolerance	f_tol	±20×10 <sup>-6</sup>	Please specify
Turnover Temperature	Ti	+25±5°C	
Parabolic Coefficient	B	(-0.030±10%)×10 <sup>-6</sup> /°C <sup>2</sup>	
Load Capacitance	CL	7pF	
Motional Resistance (ESR)	R1	70kΩ max.	
Absolute Max. Drive Level	Dlmax.	1.0µW max.	
Drive Level	DL	0.1µW typ.	
Shunt Capacitance	C0	1.0pF typ.	
Frequency Ageing	f_age	±3×10 <sup>-6</sup>	+25±3°C, First Year
Operating Temperature	T_use	-40 +85°C	
Storage Temperature	T_stg	-55 +125°C	Piece part basis

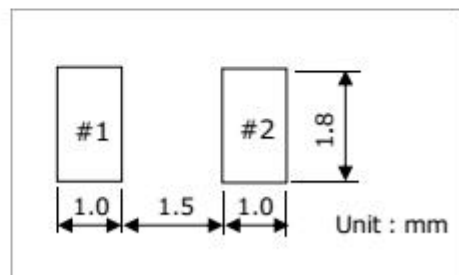
## Dimensions



## Internal Lead Connections



## Recommended Soldering Pattern



Remark: Please make sure that there is no pattern under SC-32S on the circuit board.



KEYUANXIN TECHNOLOGY GO.,LTD

浏览网址：[www.szkyx.cn](http://www.szkyx.cn)