

# Crystal Unit 32.768KHZ **YST310S**



## Applications

- RTC

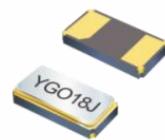
## Features

- Dimensions: 3.20 x 1.50 x 0.70mm

- Standard Frequency: 32.768KHz

- High Precision and Tight Frequency Stability

- Excellent Heat Resistance and Environmental Characteristics



## Specifications (规格参数)

Item	Symbol	Specifications
Nominal Frequency 标称频率	f_nom	32.768KHz
Load Capacitance 负载电容	CL	7pF, 9pF, 12.5pF, or specify
Frequency Tolerance 频率偏差 (at 25°C )	f_tol	±10ppm, ±20ppm, or specify
Parabolic Coefficient 频率温度系数	B	-0.04 * 10 <sup>-6</sup> / °C <sup>2</sup> Max
Operating Temperature 工作温度	T_use	-40~+85°C, or specify
Storage Temperature 储存温度	T_stg	-55~+125°C
Shunt Capacitance 静态电容	C0	2pF Max
Level of Drive 激励电平	DL	0.1μW Typ, 0.5μW Max
Aging 老化(at 25°C )	f_age	±3ppm/year Max

## Equivalent Series Resistance (等效串联电阻(ESR))

YST310S

70KΩ Max

## Dimensions and Recommended Land Pattern (外观尺寸及推荐焊盘)

Dimensions (Unit: mm)	Recommended Land Pattern (Unit: mm)
<p>Top View      Bottom View      Side View</p>	<p>Recommended soldering Pattern</p>