

# Crystal Unit

## 32.768KHZ

### YSX306GA Glass Sealed



#### Applications    Features

- RTC
- Dimensions: : 8.00 x 3.80 x 2.44mm
- Contains Pb in Sealing Glass Exempted by ROHS Directive
- Standard Frequency: 32.768KHz



#### 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	$(-0.036 \pm 0.006) * 10^{-6} / ^\circ\text{C}^2$
Operating Temperature (工作温度)	T_use	-40~+85°C
Storage Temperature (储存温度)	T_stg	-55~+125°C
Shunt Capacitance (静态电容)	C0	2.0pF Max
Motional Capacitance (动态电容)	C1	3.0fF
Level of Drive (激励电平)	DL	1.0μW Max
Aging (老化) (at 25°C)	f_age	±5ppm/year Max

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

YSX306GA
50KΩ Max

#### Dimensions and Recommended Land Pattern (外观尺寸)

