



Crystal Unit

32.768KHZ

YSX306GA Glass Sealed



Lead-free Sealing Glass Exempted

RoHS Directive

Applications

Features

PTC

Dimensions: 8.00 x 3.80 x 2.44mm

Standard Frequency: 32.768KHz

Specifications (规格参数)

Specifications
32.768KHz

Item	Symbol
Nominal Frequency (标称频率)	f_nom

Frequency Tolerance (标称误差)	±0.006% (at 25°C)
Temperature Coefficient (频率温度系数)	-0.056 ± 0.006 ppm/10°C
Operating Temperature (工作温度)	-40 ~ +85°C
Storage Temperature (储存温度)	-55 ~ +125°C
Shunt Capacitance (静态电容)	2.0pF Max
Motional Capacitance (动态电容)	3.0pF
Drive Power (激励电平)	10µW Max
Aging (老化) (at 25°C)	±5ppm/year Max

Equivalent Series Resistance (ESR)	10Ω Max
Equivalent Series Inductance (ESL)	0.1nH Max
Equivalent Series Capacitance (ESC)	0.1pF Max
Equivalent Series Resistance (ESR)	10Ω Max
Equivalent Series Inductance (ESL)	0.1nH Max
Equivalent Series Capacitance (ESC)	0.1pF Max

Part Number	Frequency	Temperature Coefficient	Operating Temperature	Storage Temperature	Shunt Capacitance	Motional Capacitance	Drive Power	Aging
YSX306GA	32.768KHz	-0.056 ± 0.006 ppm/10°C	-40 ~ +85°C	-55 ~ +125°C	2.0pF Max	3.0pF	10µW Max	±5ppm/year Max

Dimensions and Recommended Land Pattern (外观尺寸)

Dimensions (Unit: mm)

