

YT-26



Features

- External dimensions: 2.0 x 6.0 mm.
- Frequency range: 32.768KHz.
- Frequency tolerance(standard): $\pm 20\text{ppm}$.
- Excellent Reliability Performance.
- Applications: clock and Microcomputer.

Electrical Specifications

Item / Type	YT-26
Nominal Frequency Range	32.768KHz
Vibration Mode	AT Fundamental
Load Capacitance	12.5pF , or specify
Frequency Tolerance (at 25 °C)	$\pm 10 \text{ ppm}$, $\pm 20 \text{ ppm}$, or specify
Frequency Versus Temperature Characteristics	$\pm 20 \text{ ppm}$, or specify
Operating Temperature	- 20 ~ + 70 °C , - 40 ~ + 85 °C , or specify
Storage Temperature	-40~+85°C , or specify
Shunt Capacitance	1.6pF Max.
Level Of Drive	1 ~ 100 μW (1.0 μW Tvp)
Insulation Resistance	More Than 500M Ω at DC 100V
Frequency Aging (at 25 °C)	$\pm 3 \text{ ppm} / \text{year Max.}$

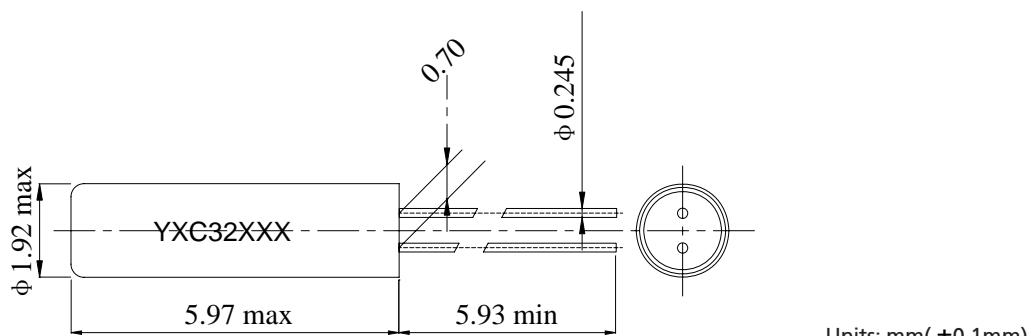
Equivalent Series Resistance(ESR)

Fundamental

32.768KHz

40 Ω Max.

Dimensions

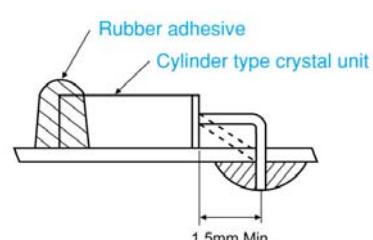


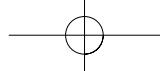
Mounting of cylinder type products:

Soldering the body of the cylinder type crystal units with PCB must be avoided due to deteriorate the characteristics or damage the products. Rubber adhesive is recommended.

Soldering

Lead wires should be soldered within 3 seconds with the soldering iron heated to a temperature no higher than 300°C





YT-26



★ PART NUMBER GUIDE 部件号示例

e.g. X206032768KGB2SC

YT-26 = 2.0×6.0 SMD SEAM TYPE

Quartz Crystal Resonator	Dimensions	Frequency (Hz)	Load Capacitance (Pf)	Frequency Stability Overall (ppm)	Pin	Material	Operating Temp. Range
X	2060	32768K	G	B	2	S	C

Load Capacitance (Pf)	
X	7.4pF
G	12.5pF

Frequency tolerance	
B	±10PPM
D	±20PPM

Operating temperature	
C	-20~+70°C
I	-40~+85°C