

TUNING FORK METAL CAN CRYSTAL



Type: 2T / 3T / 2T-GW

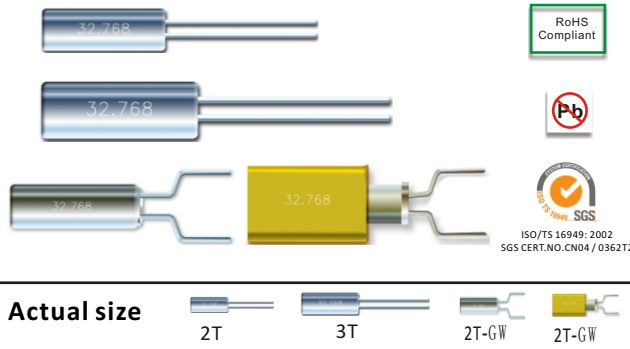
Hong Kong Xtals Ltd. 香港晶体有限公司

KHZ Crystals Units

Frequency Range: 20.00KHZ~160.00KHZ

Features:

- High Reliability, Low Cost Crystal
- Tight Stability & Extended Temperature Available
- Lead-free Type / RoHS Type
- From Lead SMD Type available
- Automotive Applications, please contact our sales representative



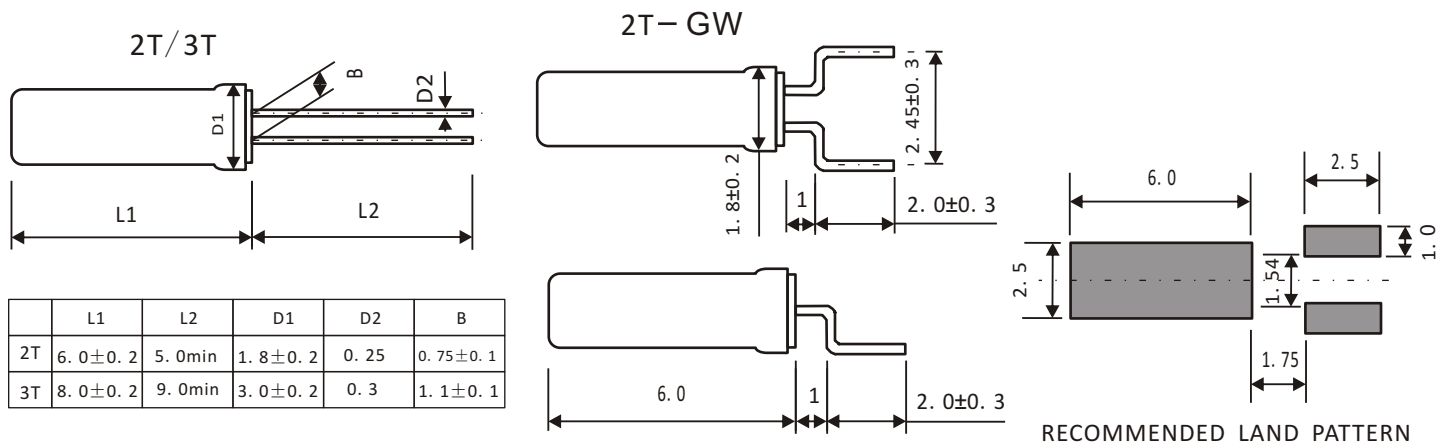
Standard Specification

Item	2T (2×6)		3T (3×8)	
	Frequency Range	32.768KHz	20.0KHz~160.0KHz	32.768KHz
Equivalent Series Resistance ESR/Rs (Measured at Series Resonance)	40KΩ Max	50KΩ Max	40KΩ Max	50KΩ Max
Frequency Tolerance at 25°C	±20PPM is standard. but tight tolerances also available			
Temperature Coefficient	-0.034±0.006PPM/°C ²			
Operating Temperature Range	-40~+85°C			
Storage Temperature Range	-40~+85°C			
Load Capacitance	6.0pF, 8.0pF, 12.5pF is standard			
Shunt Capacitance	2.5pF Max			
Driver Level	0.2μ Max			
Aging	±5PPM/Year			

Note:

1. Manufacturer reserves the right to change the specification and content of this product for improvement without notification.
2. Custom specification is welcome. Please contact our sales representative for further details.
3. If the crystal is intended for applications which have direct impact on human life and properties, and require a high degree of reliability and safety concerns, customers must provide full information such as but not limit to the application, electrical and reliability specification at the inquiry beginning stage.

Dimensions (mm) and Solder Pad Layout (mm)



Please build and send to us your Inquiry Spec Code. You are welcome to add other custom requirement in written and send to us along with the Inquiry Spec. Code. We will reply with a preliminary Product Code.

TF Inquiry Spec Code Builder

2 T / 32.768K / 12.5 / 20 / IND

Type	Frequency (M)	Load Cap	Freq. Tol. At 25Deg C	Application
eg	eg	eg	eg	eg
32.768K	32.768KHZ	12.5=12.5pF	5=+/-5ppm	CON=Consumer
40K	40.000KHz	4.5=4.5pF	+5=+5ppm	CON=Automotive After Market
		S=Series		IND=Industrial
				DAS=Dash Board