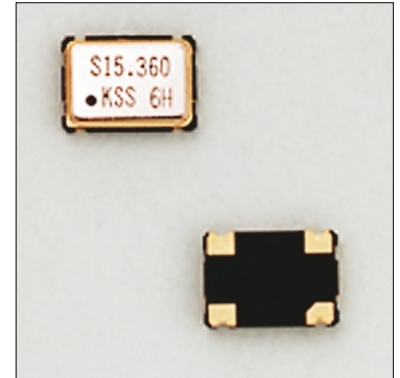


# FXO-34F

## Miniature Clock Crystal Oscillator

### Features

- This crystal oscillator has a built-in high-precision C-MOS IC suitable for a wide range of temperature.
- Ideal for base stations and DSU/OCU units for PHS systems etc.
- Lower noise and lower current for reduced power consumption.
- 3.3V supply model also available.



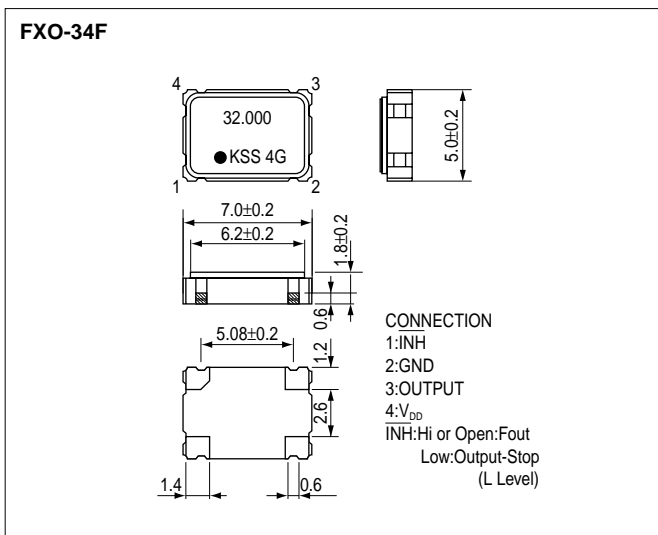
### Specifications

Item	Type	FXO-34F	FXO-34FL
Frequency Range		8.0~32.0MHz	
Standard Frequency		*1	
Frequency Stability		$\pm 30 \times 10^{-6}$	
Operating Temperature Range		-30~+85°C	
Storage Temperature Range		-30~+85°C	
Supply Voltage		5V $\pm$ 5%	3.3V $\pm$ 5%
Current		12mA MAX.	10mA MAX.
Load		15pF (2TTL)	15pF (1TTL)
Output Level		$V_{OH} : 0.9 \times V_{DD} \text{ MIN. } V_{OL} : 0.5V \text{ MAX.}$	
Output Symmetry		40~60% ( $VT=1/2V_{DD}$ )	
Rise Time/Fall Time		12ns MAX.	16ns MAX.
Start-up Time		3ms MAX.	
Vibration		10~55Hz Ampulitude 1.5mm, Cycle 2 minute, 3 direction, 2 hour each	
Shock		1000G	
Weight		0.2g	
Application		for Industrial Equipment	

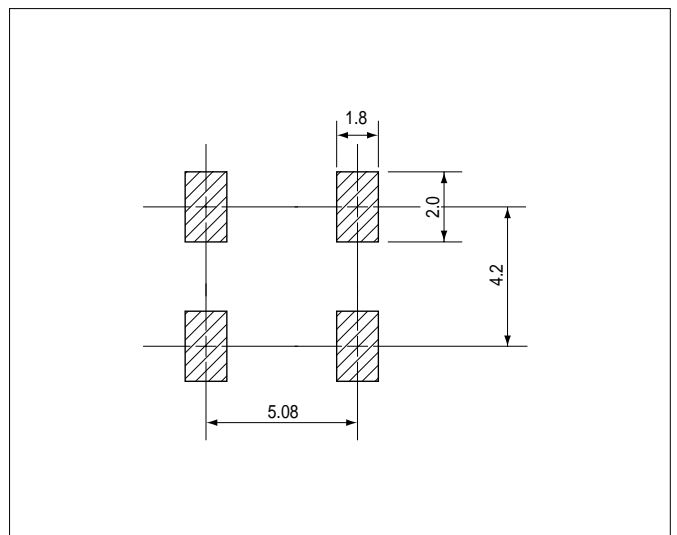
\*1 Please contact us for standard frequency.

\* Taping item packaging: one unit 3,000 pcs or 1,000 pcs

### Outline



### Land Pattern(reference)



Dimensions(mm)