

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 DSC,DVC,Car navigation for PHS systems etc.
- Lower noise and lower current for reduced power consumption.
- 3.3V supply model also available.



Original Size

■Specifications

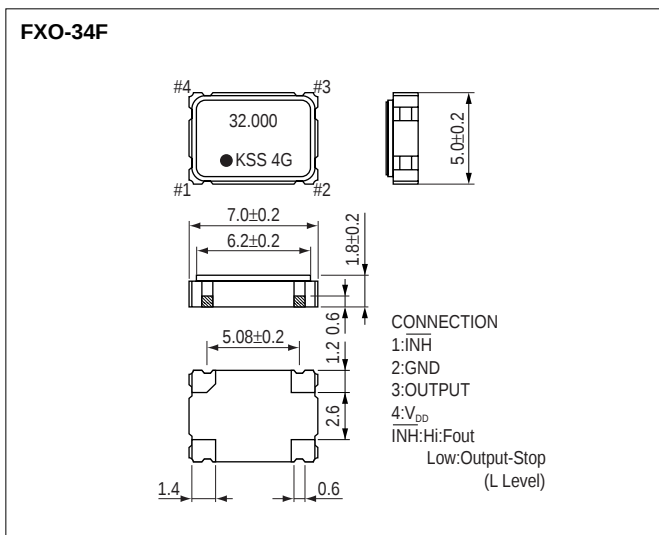
Item	Type	FXO-34F	FXO-34FL
Frequency Range		1.8~50MHz	
Standard Frequency		※1	
Frequency Stability		$\pm 30 \times 10^{-6}$, $\pm 50 \times 10^{-6}$, $\pm 100 \times 10^{-6}$ ※2	
Operating Temperature Range		-30~+85°C	
Storage Temperature Range		-30~+85°C	
Supply Voltage		5V $\pm$ 5%	3.3V $\pm$ 5%
Current		12mA MAX.	10mA MAX.
Load		15pF (2TTL)	15pF (1TTL)
Output Level		V_{OH} : 0.9 $\times$ V _{DD} MIN. V_{OL} : 0.5V MAX.	
Output Symmetry		40~60% ($V_T=1/2V_{DD}$)	
Rise Time/Fall Time		12ns MAX.	16ns MAX.
Start-up Time		3ms MAX.	
Vibration		10~55Hz Amplitude 1.5mm, Cycle 2 minute, 3 direction, 2 hour each	
Shock		1000G	
Weight		0.2g	

※1 Please contact us for standard frequency.

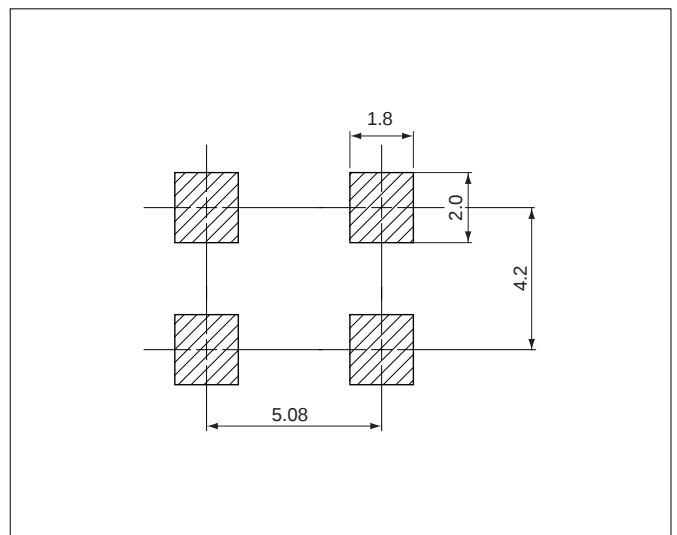
※2 Please consult about the deviation to frequency.

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

■Outline



■Land Pattern(reference)



Dimensions(mm)