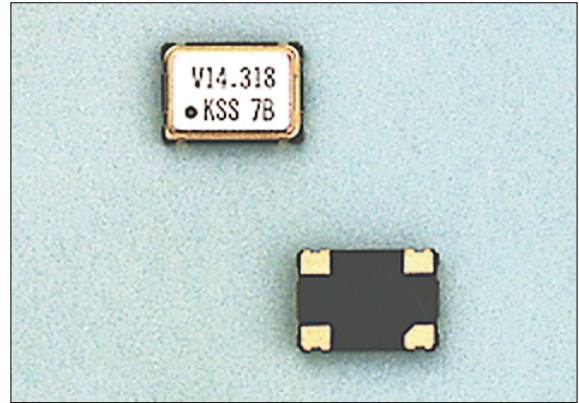


# VC-FXO-35F

## Voltage Controlled SMD Crystal Oscillator

### Features

- It is a compact and thin ceramic package with a metalized lead for surface mounting that is able to be automatically loaded.
- Reflow soldering is possible.



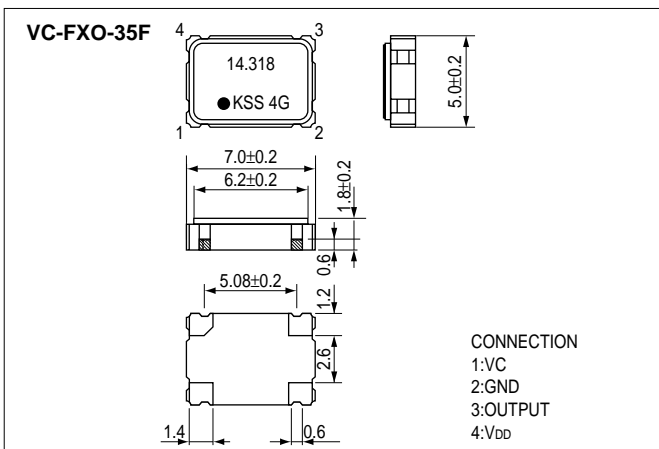
### Specifications

Item	Type	VC-FXO-35F	VC-FXO-35FL
Application		C-MOS Output Type	
Frequency Range		8.0~40.0MHz *1	8.0~35MHz *1
Frequency Stability		$\pm 30 \times 10^{-6}$	
Frequency Tuning Range		$\pm 50 \times 10^{-6}$ MIN. (VC=2.5 $\pm$ 2.0V) *2	$\pm 50 \times 10^{-6}$ MIN. (VC=1.65 $\pm$ 1.65V) *2
Frequency Linearity		$\pm 10\%$	$\pm 15\%$
Operating Temperature Range		-10~+70°C	
Storage Temperature Range		-30~+85°C	
Supply Voltage		5.0V $\pm$ 5%	3.3V $\pm$ 5%
Current		25mA MAX.	20mA MAX.
Load		15pF (LS10 TTL)	
Output Level		$V_{OH}$ : 0.9 $\times$ $V_{DD}$ MIN. $V_{OL}$ : 0.5V MAX.	
Output Symmetry		40~60% (VT=1/2 $V_{DD}$ )	
Rise Time/Fall Time		10ns MAX.	15ns MAX.
Start-up Time		10ms MAX.	
Vibration		10~55Hz Amplitude 1.5mm, cycle 2 minute, 3 direction. 2 hour each	
Shock		1000G	
Weight		0.3g	

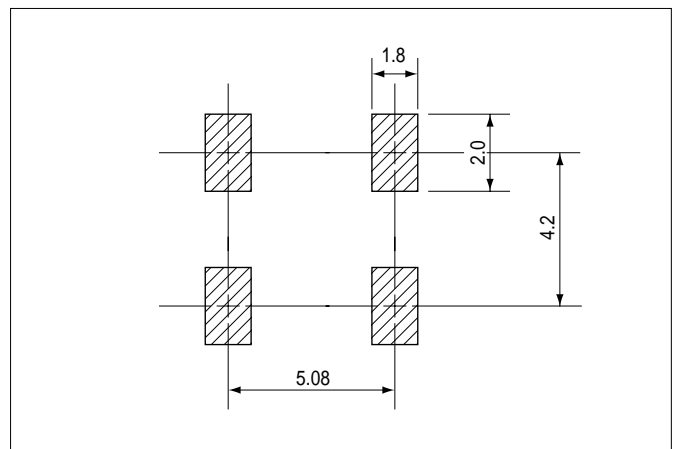
\*1 Please contact us for standard frequency.

\*2 Please contact us for Frequency Tuning Range  $\pm 75 \times 10^{-6}$ ,  $\pm 100 \times 10^{-6}$ .

### Outline



### Land Pattern(reference)



Dimensions(mm)