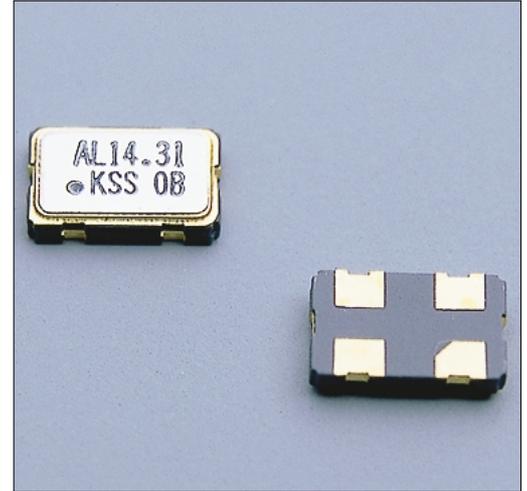


# FXO-62F

## Miniature Clock Crystal Oscillator

### Features

- Ultra-thin, thickness (5×3.2×1.2mm).
- It is a compact and thin ceramic package with a matalized lead for surface mounting that is able to be automatically loaded.
- Reflow soldering is possible.
- CMOS, TTL IC direct drive is possible. Depending upon the frequency band, there is also a crystal oscillator with a CMOS-IC with a tri-state function built in.

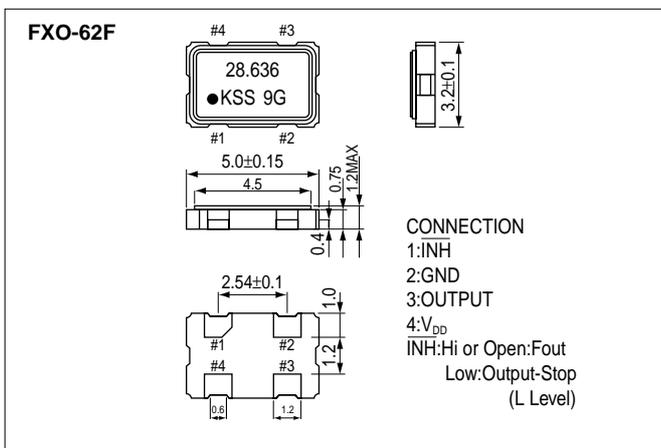


### Specifications

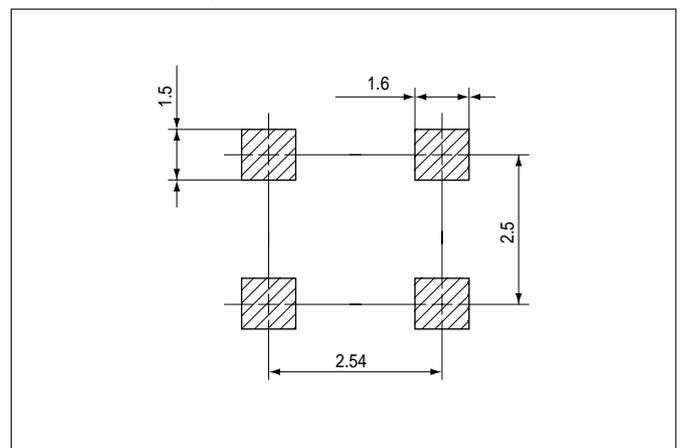
Item	Type	FXO-62F	FXO-62FL
Frequency Range		8.0~32.0MHz	
Standard Frequency		14.31818, 17.734476, 28.375, 28.63636MHz *1	
Frequency Stability		±30×10 <sup>-6</sup>	
Operating Temperature Range		-10~+60°C	
Storage Temperature Range		-20~+80°C	
Supply Voltage		5V±5%	3.3V±5%
Current		10mA MAX.	8mA MAX.
Load		15pF (2TTL)	15pF (1TTL)
Output Level		V <sub>OH</sub> : 0.9V <sub>DD</sub> MIN. V <sub>OL</sub> : 0.5V MAX.	V <sub>OH</sub> : 0.9V <sub>DD</sub> MIN. V <sub>OL</sub> : 0.4V MAX.
Output Symmetry		40~60% (VT=1/2V <sub>DD</sub> )	
Rise Time/Fall Time		10ns MAX.	12ns MAX.
Start-up Time		10ms MAX.	
Vibration		10~55Hz Ampulitude 1.5mm, Cycle 2 minute, 3 direction, 2 hour each	
Shock		1000G	
Weight		0.1g	
Application		for Audio-Visual Equipment	

\*1 Please inquire about frequencies other than the above.

### Outline



### Land Pattern(reference)



Dimensions(mm)