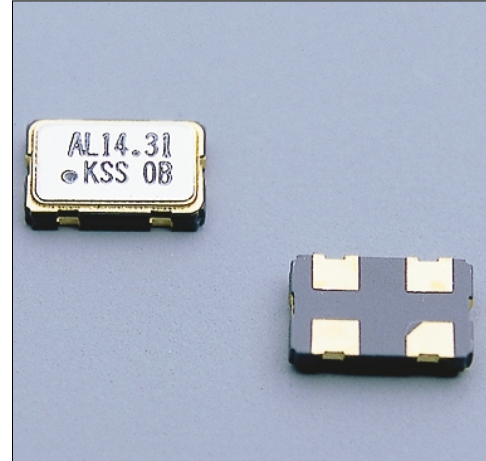


FXO-62F

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.

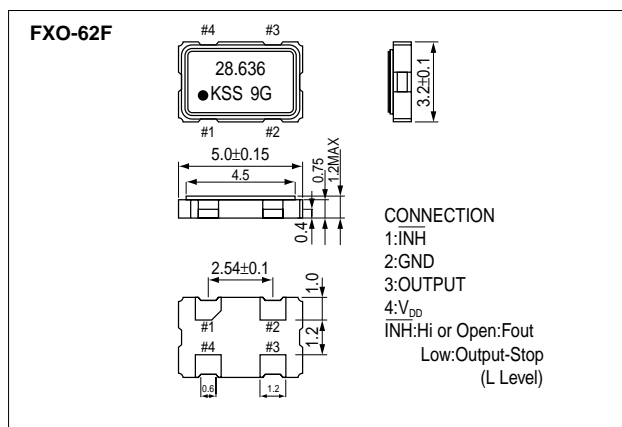


■Specifications

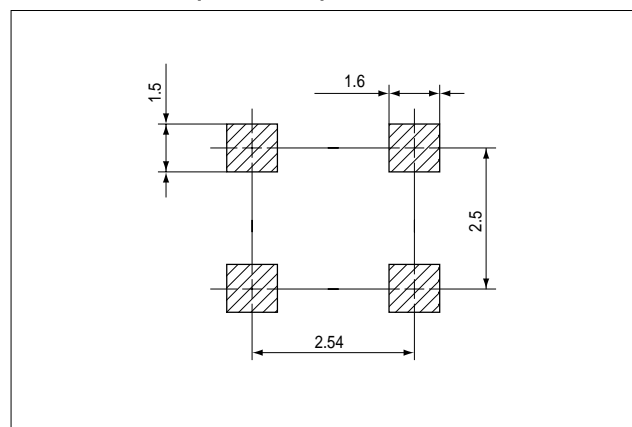
Item	Type	FXO-62F	FXO-62FL
Frequency Range		8.0~32.0MHz	
Standard Frequency		14.31818, 17.734476, 28.375, 28.63636MHz *1	
Frequency Stability		$\pm 30 \times 10^{-6}$	
Operating Temperature Range		-10~+60°C	
Storage Temperature Range		-20~+80°C	
Supply Voltage		5V±5%	3.3V±5%
Current		10mA MAX.	8mA MAX.
Load		15pF (2TTL)	15pF (1TTL)
Output Level		$V_{OH}: 0.9V_{DD} \text{ MIN. } V_{OL}: 0.5V \text{ MAX.}$	$V_{OH}: 0.9V_{DD} \text{ MIN. } V_{OL}: 0.4V \text{ MAX.}$
Output Symmetry		40~60% ($V_T=1/2V_{DD}$)	
Rise Time/Fall Time		10ns MAX.	12ns MAX.
Start-up Time		10ms MAX.	
Vibration		10~55Hz Amplitude 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)