

VC-FXO-65F

Miniature Clock 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.



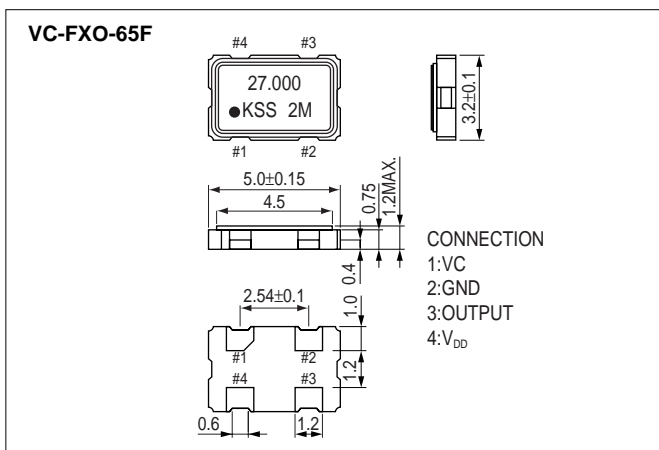
Original Size

■Specifications

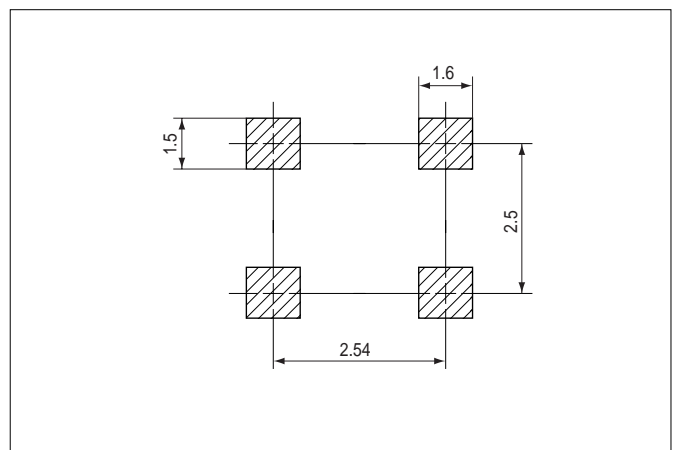
Item	Type	VC-FXO-65F	VC-FXO-65FL
Application		C-MOS Output Type	
Supply Voltage		5.0V±5%	3.3V±5%
Frequency Range		8.0~40.000MHz	
Load		15pF (LS10 TTL)	
Frequency Stability		±30×10 ⁻⁶ ※1	
Frequency Tuning Range		±100×10 ⁻⁶ MIN. (VC=2.5V±2V)	±100×10 ⁻⁶ MIN. (VC=1.65V±1.65V)
Frequency Linearity		±10%	
Operating Temperature Range		-10~+70℃	
Storage Temperature Range		-35~+85℃	
H Output Level		0.9×V _{DD} MIN.	
L Output Level		0.5V MAX.	
Rise Time/Fall Time (V _{DD} ×0.1↔0.9)		10ns MAX.	15ns MAX.
Output Symmetry (0.5×V _{DD})		40~60%	
(V _{DD}) Start-up Time		10ms MAX.	
Current		20mA MAX.	15mA MAX.

※1 Please consult about the deviation to frequency.

■Outline



■Land Pattern(reference)



Dimensions(mm)