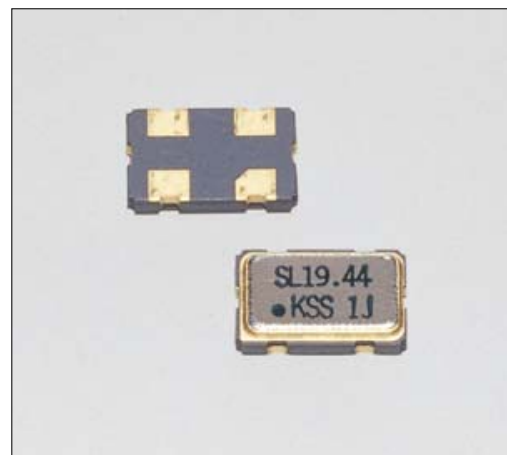


FXO-64F

Miniature Clock Crystal Oscillator

■Features

- This crystal 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.



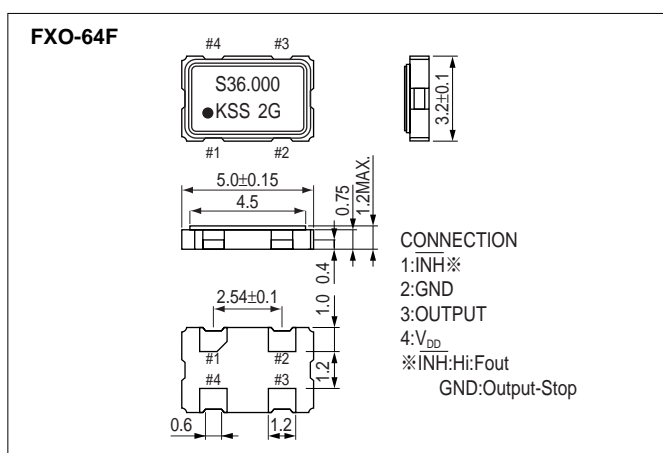
Original Size

■Specifications

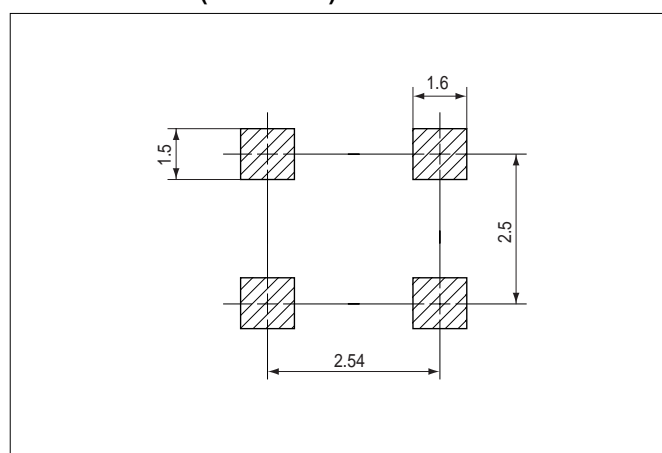
Item	Type	FXO-64F	FXO-64FL
Application		C-MOS Output Type	Low Voltage Type
Supply Voltage		5.0V±5%	3.3V±5%
Frequency Range		1.800~50.000MHz※1	
Load		15pF (2TTL)	15pF (1TTL)
Frequency Stability		±30, ±50, ±100×10 ⁻⁶	
Operating Temperature Range		-30~+85°C	
Storage Temperature Range		-55~+125°C	
H Output Level		0.9×V _{DD} MIN.	
L Output Level		0.5V MAX.	0.4V MAX.
Rise Time (V _{DD} ×0.1~0.9)		10ns MAX.	12ns MAX.
Fall Time (V _{DD} ×0.9~0.1)		10ns MAX.	12ns MAX.
Output Symmetry (0.5×V _{DD})		40~60%	
(V _{DD}) Start-up Time		10ms MAX.	
Current		25mA MAX.	18mA MAX.
		Stand-by : 1mA MAX.	

※1 Please consult about the deviation to frequency.

■Outline



■Land Pattern(reference)



Dimensions(mm)