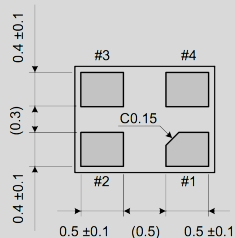


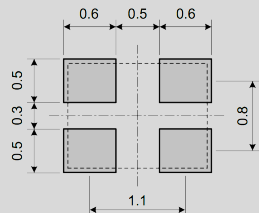
OSCILLATOR SMD1612-M4

quarzwerk Part Number:	24-0001
Series:	Oscillator SMD1612-M4
Type:	FCXO-07
Dimension (mm):	1.60 x 1.20 x 0.70
Frequency:	20.000000 MHz
Supply Voltage (V _{DD}):	+1.60 ~ +3.63 V _{DC}
Input Current:	≤ 2 mA max.
Frequency Tolerance: (Including Tolerance at +25°C and Tolerance over Temperature Range)	±25 ppm
Output Logic / Output Load:	HCMOS / 15pF
Operating Temperature:	-40°C to +85°C
Storage Temperature:	-55°C to +125°C
Symmetry:	50% ±5%
Rise & Fall Time:	≤ 5 ns
Output Disable / Enable Delay Time:	≤ 100ns
Start-up Time:	≤ 5 ms (1.8V), ≤ 2 ms (3.3V)
RoHS :	Pb free - 2011/65/EU (RoHS 2) compliant
Package Unit:	3000 pcs/reel

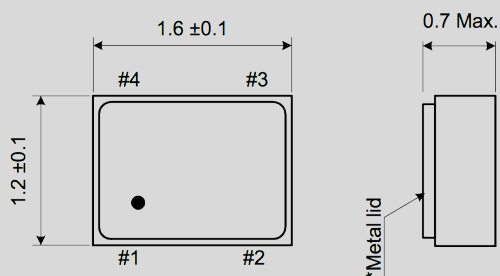
Land Pattern / Outline Dimension (mm)



• For operational stability, a 0.01 µF bypass capacitor should be placed between V_{DD} (Pin #4) and Ground (Pin #2) as close as possible to the product.



Dimension (mm)



Pin	Function
#1	Stand-by
#2	Ground
#3	Output
#4	V _{DD}

- "●" indicates Pin #1.
- Pin #2 is connected to the lid*.

Document History

Date	Changes
25.10.2017	Released



YOUR FREQUENCY COMPANY