

**SPECIFICATION**

Frequency	1.0~250.0 MHz	
Supply Voltage	3.3 V	<b>3.3 V</b>
Current Consumption	≤25.0 MHz 10mA max ≤250.0 MHz 50 mA m.	<b>OSCILLATOR</b>
Operating Temperature Range	Standard, Code 27 -20°C~70°C Available, Code 48 -40°C~85°C	<b>7.0 x 5.0 MM</b>
Storage Temperature Range	-55°C~125°C	
Frequency Stability	See Table	
Output Load Condition	CMOS 15 pF	
Symmetry	45% to 55%	
Output Rise & Fall Time	5 ns max.	
High & Low Output Voltage	90% Vdd min. 10% Vdd max.	
Oscillation Start Up Time	5 ms max.	
Aging	±3 ppm max.	
Phase Jitter (12 kHz~20 MHz)	1 ps max.	
Period Jitter (Peak to Peak)	±40 ps max.	

**TABLE**

S: Standard ; A: Available

Temp. Code	Temp. / ppm	± 20	± 25	± 50	± 100
27	20~70°C	A	A	S	-
48	40~85°C	-	A	A	S

**CONNECTION**

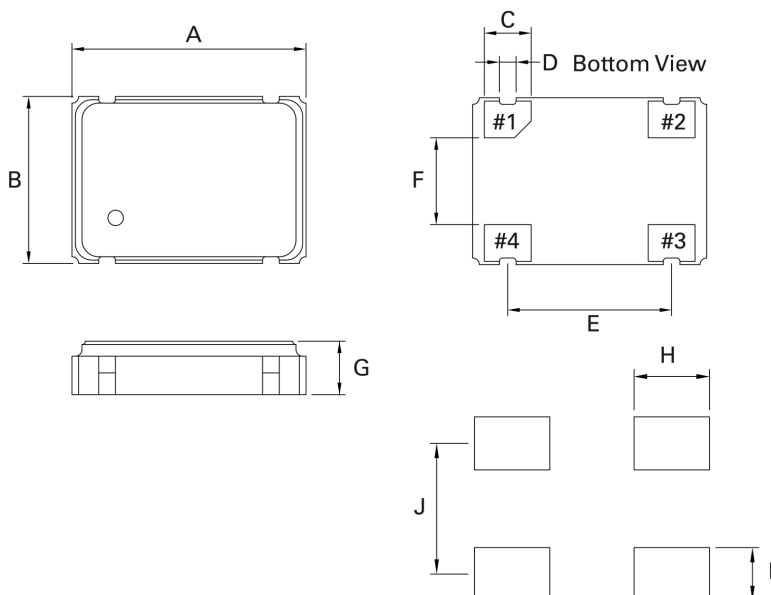
<b>Pin 1:</b> NC or EN/DIS (Tri-State)	<b>Pin 3:</b> Output
<b>Pin 2:</b> GND	<b>Pin 4:</b> Vdd

**ORDERING KEY**

Example: FT3B-14.74560/50-15/27

Type	- Frequency	/Frequency Stability	-Output Load	/Temp. Code
FT3B	Value in MHz	Value in ppm	15 pF	27 48

**MECHANICAL DIMENSIONS (MM)**



A	7.0 ± 0.2
B	5.0 ± 0.2
C	1.4
D	0.6
E	5.08
F	2.6
G	1.7 max.
H	2.4
I	1.5
J	3.7