

FREQTECH[®]
your first and second source

FT64B



SPECIFICATION

Frequency	24,0 MHz	1,8 V Oscillator
Supply Voltage	1,8 V	
Input Current	3 mA	2,0 x 1,6 mm
Operating Temperature Range	Standard, Code 27 Available, Code 48	
Storage Temperature Range	-20°C~70°C	
Frequency Stability	-40°C~85°C	
Output Load Condition	-55°C~100°C	
Symmetry	See Table	
Output Rise & Fall Time	CMOS 15 pF	
High & Low Output Voltage	45% to 55%	
	5 ns max.	
	90% Vdd min.	
	10% Vdd max.	
Oscillation Start Up Time	10 ms	
Aging	±5 ppm max.	
Disable Delay	150 ns	
Standby Current	10 µA	

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

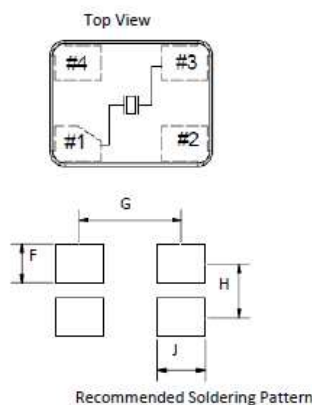
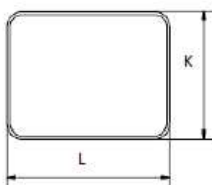
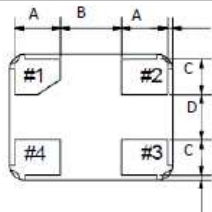
Pin 1: NC or EN/DIS (Tri-State)	Pin 3: Output
Pin 2: GND	Pin 4: Vdd

ORDERING KEY

Example: FT64B-24,0/50-15/27

Type	- Frequency	/Frequency Stability	-Output Load	/Temp. Code
FT64B	Value in MHz	Value in ppm	15 pF	27 48

MECHANICAL DIMENSIONS (mm)



A	0,675
B	0,65
C	0,575
D	0,45
E	0,9
F	0,7
G	1,3
H	0,65
J	0,8
K	1,6±0,1
L	2,0±0,1