

SPECIFICATION

Frequency	1,0~110,0 MHz	
Supply Voltage	5 V	5 V
Current Consumption	15mA max.	
Operating Temperature Range	Standard, Code 27 Available, Code 48	OSCILLATOR
	-20°C~70°C	3,2 x 2,5 MM
	-40°C~85°C	
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)	±50 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

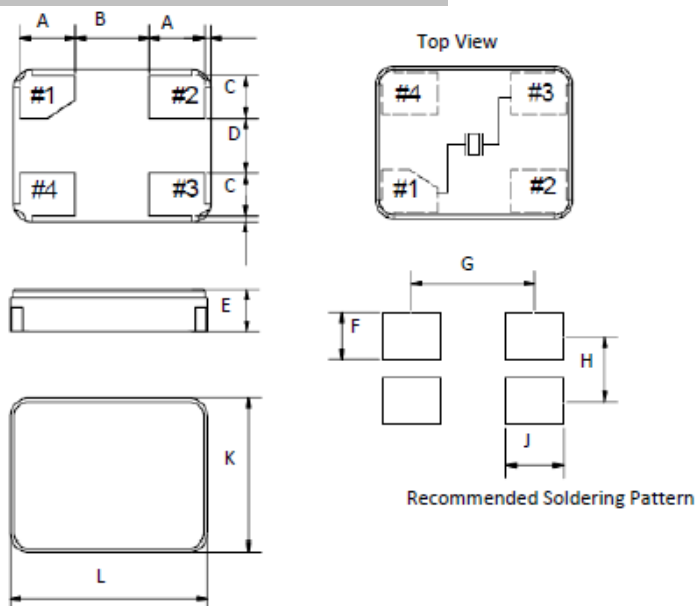
Pin 1: NC or EN/DIS (Tri-State)	Pin 3: Output
Pin 2: GND	Pin 4: Vdd

ORDERING KEY

Example: FT33B-12,0/50-15/27

Type	- Frequency	/Frequency Stability	-Output Load	/Temp. Code
FT33B	Value in MHz	Value in ppm	15 pF	27 48

MECHANICAL DIMENSIONS (MM)



A	0,9
B	1,2
C	0,65
D	1,0
E	1,2
F	1,2
G	2,2
H	1,7
J	1,4
K	2,5±0,1
L	3,2±0,1