

SPECIFICATION

Frequency	32.7680 kHz
Supply Voltage	5 V
Current Consumption	15mA max.
Operating Temperature Range	Standard, Code 27 -20°C~70°C
	Available, Code 48 -40°C~85°C
Storage Temperature Range	-55°C~125°C
	See Table
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.

TIMING

OSCILLATOR

7.0 x 5.0 MM

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

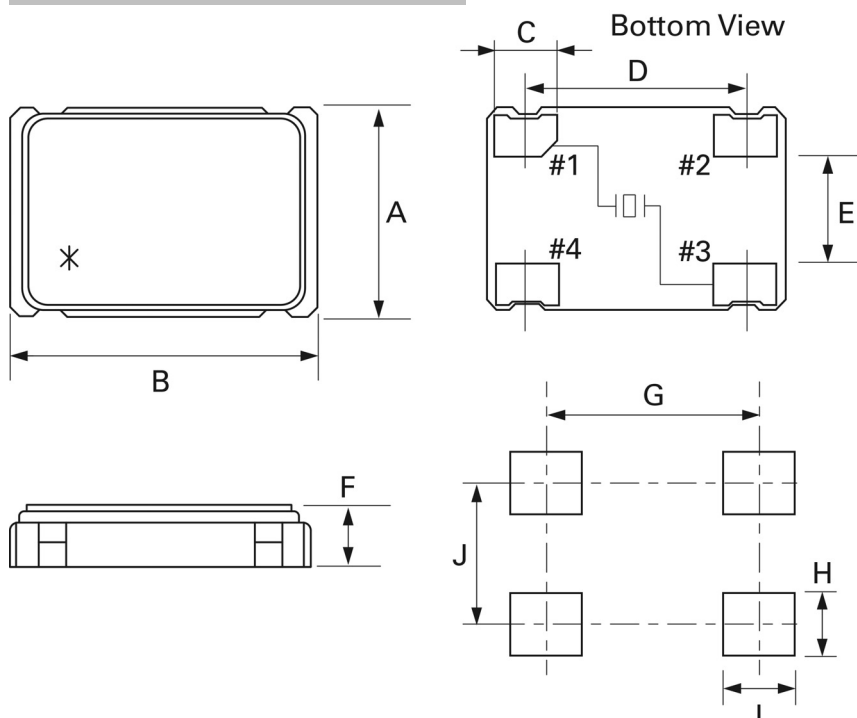
Pin 1: NC or EN/DIS (Tri-State)	Pin 3: Output
Pin 2: GND	Pin 4: Vdd

ORDERING KEY

Example: FT23B-32.7680/50-15/27

Type	- Frequency	/Frequency Stability	-Output Load	/Temp. Code
FT23B	32.7680	Value in ppm	15 pF	27 48

MECHANICAL DIMENSIONS (MM)



A	5.0 ± 0.15
B	7.0 ± 0.15
C	1.4
D	5.08
E	2.6
F	1.4 max
G	5.08
H	2.0
I	1.8
J	4.2