


SPECIFICATION

Frequency	32,7680 kHz
Supply Voltage	3,3 V
Current Consumption	15mA max.
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~125°C
Symmetry	See Table
Output Rise & Fall Time	CMOS 15 pF
High & Low Output Voltage	45% to 55%
Oscillation Start Up Time	5 ns max.
Aging	90% Vdd min.
Phase Jitter (12 kHz~20 MHz)	10% Vdd max.
Period Jitter (Peak to Peak)	5 ms max.
	±3 ppm max.
	1 ps max.
	±50 ps max.

TIMING
OSCILLATOR
3,2 x 2,5 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

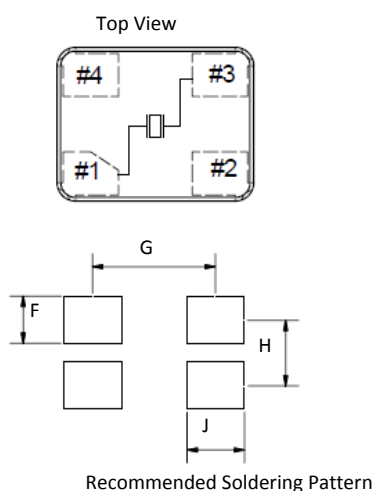
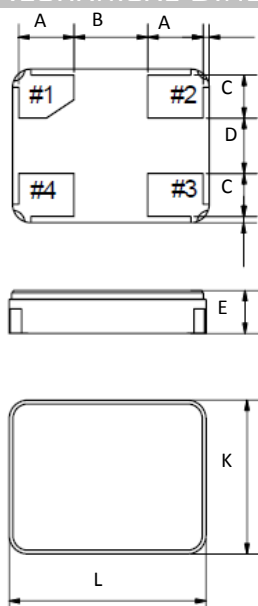
CONNECTION

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

ORDERING KEY

Example: FT42B-32,7680/50-15/27

Type	- Frequency	/Frequency Stability	-Output Load	/Temp. Code
FT42B	32,7680	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