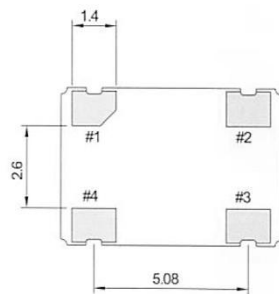
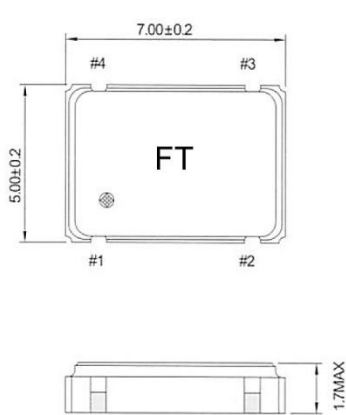


FT3B
3,3 V OSCILLATOR
7 x 5 mm
specification

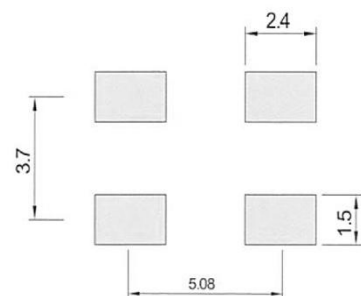
frequency		1,0~125,0 MHz
supply voltage		3,3 V
current consumption	≤ 40,0 MHz	15mA max.
	≤ 80,0 MHz	25mA max.
	≤ 125,0 MHz	40mA max.
operating temperature range	standard, code 27	-20°C~70°C
	available, code 48	-40°C~85°C
storage temperature range		-55°C~125°C
frequency stability	standard @-20°C~70°C	±50 ppm
	standard @-40°C~85°C	±100 ppm
	available	±20 ppm ~ ±100 ppm
output load condition	CMOS standard 15pF	15 pF / 30 pF / 50pF
symmetry		45% to 55%
output rise & fall time		10 ns Max.
high & low output voltage		90% Vdd min. 10% Vdd max.
oscillation start up time		5 ms max.
aging	initial first year	±3 ppm max.
phase jitter (12 kHz~20 MHz)		1 ps max.
period jitter (peak to peak)		±25 ps max.

mechanical dimensions in mm


CONNECTION

- #1 N.C or EN/DIS(Tri-State)
- #2 GND
- #3 OUTPUT
- #4 Vdd

• Recommended Soldering Pattern


ordering key

	type	-frequency	/frequency stability	-output load	/temperature code
	FT3B	value in MHz	value in ppm	15 pF	27 (-20°C~70°C) 48 (-40°C~85°C)
example:	FT3B-24,5760/50-15/27				