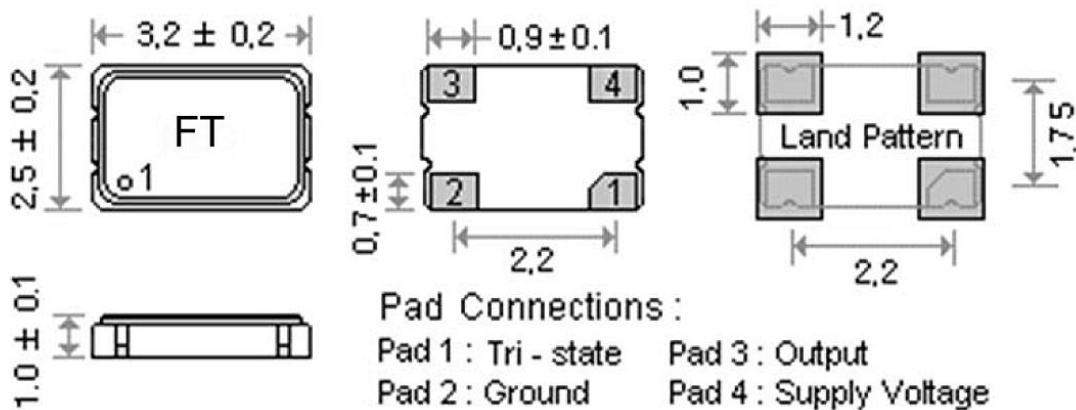


FT54B
1 V OSCILLATOR
3,2 x 2,5 mm
specification

frequency		1,0~50,0 MHz
supply voltage		1 V
current consumption		4 mA max.
operating temperature range	standard, code 17	-10°C~70°C
	available, code 48	-40°C~85°C
storage temperature range		-50°C~100°C
frequency stability	standard @-10°C~70°C	±50 ppm
	standard @-40°C~85°C	±100 ppm
	available	±25 ppm ~ ±100 ppm
output load condition		CMOS 15 pF
symmetry		40% to 60%
output rise & fall time		6 ns Max.
high & low output voltage		90% Vdd min. 10% Vdd max.
oscillation start up time	1,0~32,0 MHz	5 ms max.
	33,0~50,0 MHz	10 ms max.
aging		±3 ppm max.
phase jitter (12 kHz~20 MHz)		1 ps max.
period jitter (peak to peak)		±50 ps max.

mechanical dimensions in mm

ordering key

	type	-frequency	/frequency stability	-output load	/temperature code
	FT54B	value in MHz	value in ppm	15 pF	17 (-10°C~70°C) 48 (-40°C~85°C)
example:	FT54B-24,5760/50-15/17				