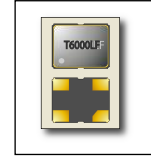


T6000LF

Crystal Oscillator



FEATURES:

Extended Temperature Range
Ceramic Package

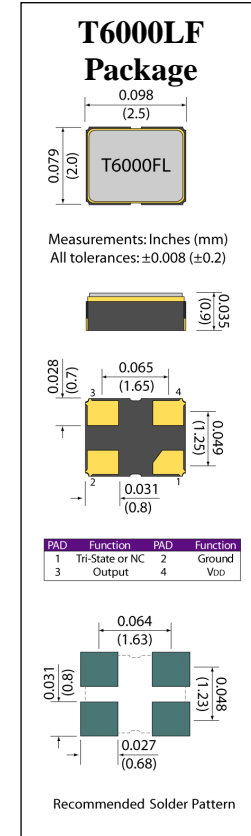
32.768 kHz
2.5 x 2.0 x 0.9mm

Parameter	Unit	Min.	Max.
Frequency Range	kHz	32.768	
Frequency Stability	ppm	See Table	
Aging (1 st Year)	ppm	-	±3
Storage Temperature Range	°C	-55	+125
Voltage	V	1.8, 2.5, 3.3 ±10%	
Current Consumption	µA	-	65
Output Waveform		CMOS	
Output Load	pF	-	15
Output Voltage Logic High (VOH)	V	90% of VDD	
Output Voltage Logic Low (VOL)	V	-	10% of VDD
Transition Time (Rise and Fall)	nSec	-	50
Duty Cycle		40/60% standard	
Tri-state	Enable	No Connection Pin 1	
	Enable	V	0.7 of VDD
	Disable	V	0.3 of VDD
Start-up Time	mSec	-	2

Frequency Stability is inclusive of calibration at 25°C, operating temperature range, input voltage variation, load variation, shock, vibration, and aging.

Frequency Stability

Temperature	Stability (ppm)
-10 to +60°C	±20, ±25, ±30, ±50
-20 to +70°C	±20, ±25, ±30, ±50
-40 to +85°C	±25, ±30, ±50

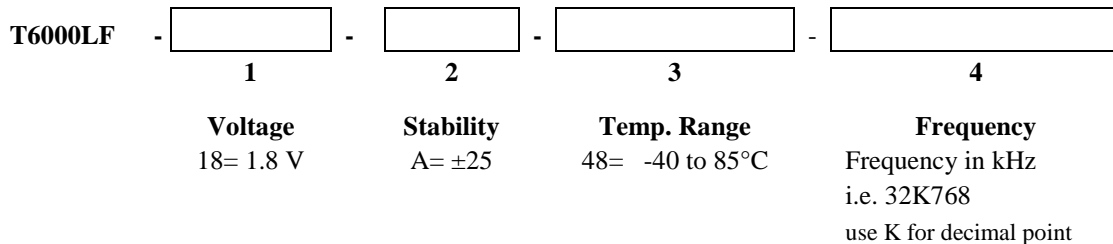


Environmental

Terminal Material	W
Terminal Plating	Ni-Au
REACH Compliant	Yes
RoHS Compliant	Yes
RoHS Exemptions	No
Re-flow Temp. Max.	260°C
MSL	1

[Click To Quote](#)

Example Part Number: T6000LF-18-A-48-32K768



Note: Consult factory for additional potential options not listed.