

**SPECIFICATION**

Frequency Range  
Operating Temperature Range  
Storage Temperature Range  
Drive Level  
Frequency Tolerance @25°C  
Parabolic Coefficient  
Load Capacitance (CL)  
Motional Resistance (ESR)  
Motional Capacitance  
Aging  
Shunt Capacitance  
Reflow Soldering  
Packing Unit

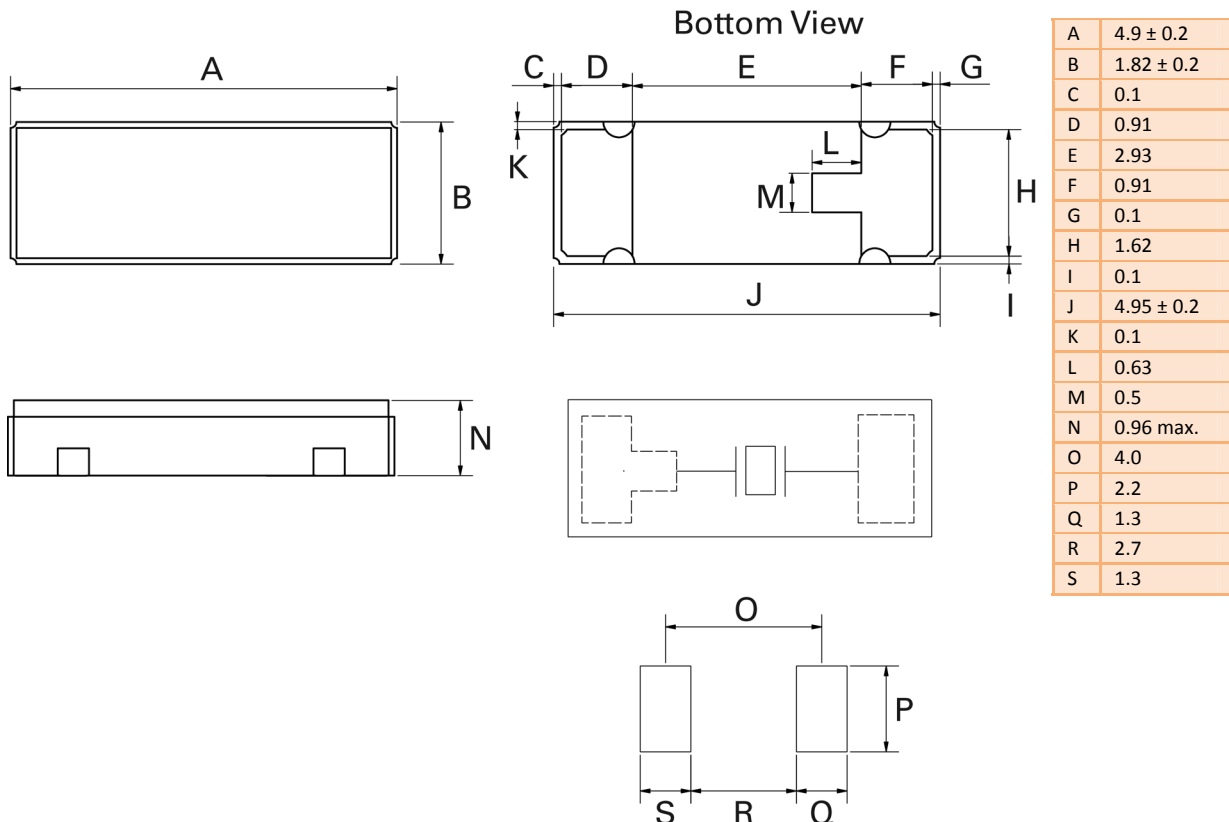
Standard, Code 27	32.7680 kHz
Available, Code 48	-20°C~70°C
	-40°C~85°C
	-55°C~125°C
	0.5 μW max.
	±20 ppm
	-0.04 x 10 <sup>-6</sup> / °C <sup>2</sup> max.
	7 pF; 12.5 pF
	65 kΩ max.
	2.0 fF typ.
	±3 ppm / year max.
	1.3 pF typ.
	10s max., 260°C twice or 180s @230°C once
	1.000 pcs. TR

**TIMING QUARTZ  
CRYSTAL**  
**4.9 X 1.8 MM**

**ORDERING KEY**

Example: FT24A-32.7680/12.5-20/48

Type	- Frequency	/CL	-Frequency Tolerance	-Temperature Stability	/Temperature Code
FT24A	32.7680	Value in pF s for series	Value in ppm	Value in ppm	27 48



MECHANICAL DIMENSIONS (MM)