

**SPECIFICATION**

Frequency Range	Fundamental	6.0~40.0 MHz	<b>QUARTZ CRYSTAL</b> <b>8.0 X 4.5 MM</b>
Motional Resistance		See Table 2	
Load Capacitance (CL)		10 pF to Series	
Drive Level		100μW typ. 300μW max.	
Frequency Tolerance @25°C		±30ppm ~ ±100 ppm	
Temperature Stability		See Table 1	
Operating Temperature Range	Standard, Code 27	-20°C~70°C	
	Available, Code 48	-40°C~85°C	
Storage Temperature Range		-40°C~85°C	
	Aging	±5 ppm /year max.	
Shunt Capacitance		7 pF	
Reflow Soldering		10s max., 260°C twice	
		or 180s @185°C once	
Packing Unit		1000 pcs. Tape&Reel	

**TABLE 1**

S: Standard ; A: Available

Temp. Code	Temp. / ppm	± 10	± 20	± 30	± 50
27	20~70°C	A	A	S	A
48	40~85°C	A	A	A	S

**TABLE 2**

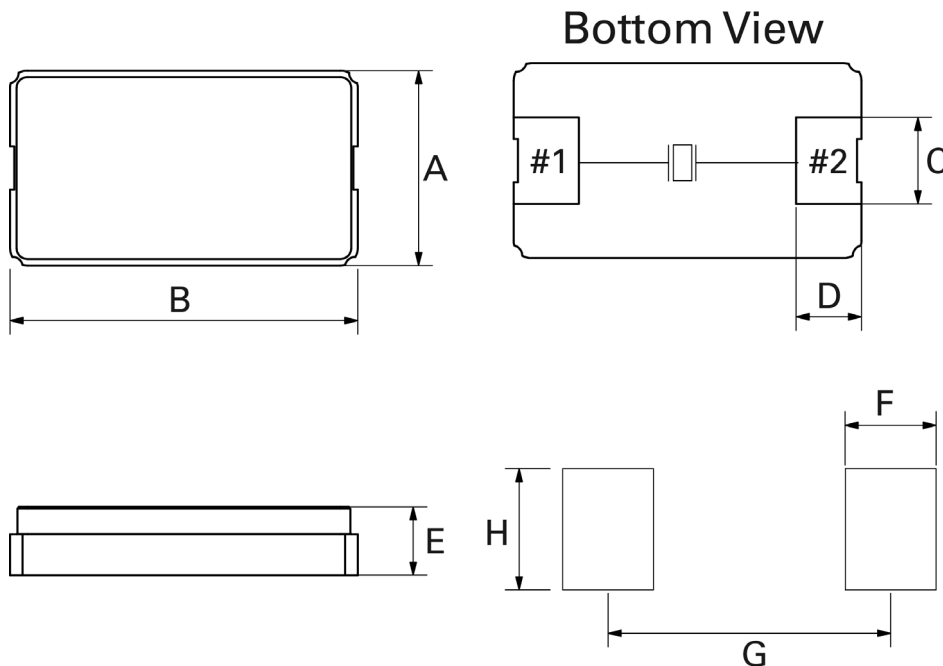
6.0 ~ 9.999 MHz:	120 Ω
10.0 ~ 11.999 MHz:	80 Ω
12.0 ~ 40.0 MHz:	50 Ω

**ORDERING KEY**

Example: FT30A-32.0/16-30-30/27

Type	- Frequency	/CL	-Frequency Tolerance	-Temperature Stability	/Temperature Code
FT30A	Value in MHz	Value in pF s for series	Value in ppm	Value in ppm	27 48

**MECHANICAL DIMENSIONS (MM)**



A	4.5 ± 0.1
B	8.0 ± 0.1
C	2.0
D	1.5
E	1.6 max.
F	2.0
G	6.0
H	2.6