

**SPECIFICATION**

Frequency Range	Fundamental	3.072~40.0 MHz	QUARTZ CRYSTAL 11.5 X 5.0 MM
	3rd Overtone	26.0~45.0~70.0 MHz	
Motional Resistance		See Table 2	
Load Capacitance (CL)		10 pF ~ Series	
Drive Level		100μW typ., 500μW max.	
Frequency Tolerance @25°C		±10~±50 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**

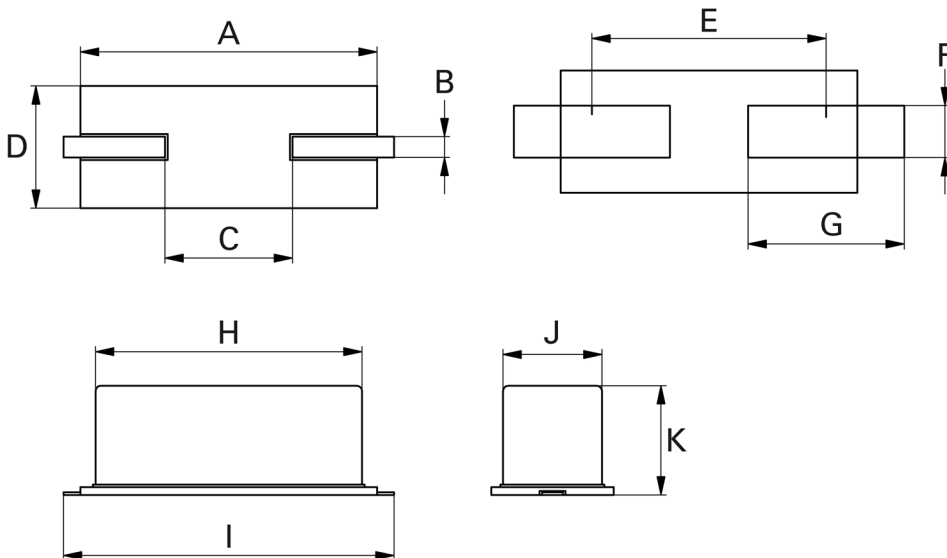
3.072~3.499 MHz	300 Ω	8.000~11.999 MHz	60 Ω
3.500~4.199 MHz	140 Ω	12.000~33.999 MHz	40 Ω
4.200~4.999 MHz	100 Ω	22.000~40.000 MHz	BT 40 Ω
5.000~7.999 MHz	80 Ω	26.0~45.0~70.0 MHz	3 <sup>rd</sup> 70/60 Ω

**ORDERING KEY**

Example: FT6A-32.0/16-30-30/27

Type	- Frequency	/CL	-Frequency Tolerance	-Temperature Stability	/Temperature Code
FT6A	Value in MHz	Value in pF s for series	Value in ppm	Value in ppm	27 48

**MECHANICAL DIMENSIONS (MM)**



A	11.4 ± 0.3
B	0.8 ± 0.3
C	5.1 ± 0.5
D	4.7 ± 0.3
E	9.0
F	2.0
G	6.0
H	10.24 max.
I	12.9 ± 0.4
J	3.8 max.
K	4.2 max.