

**SPECIFICATION**

Frequency Range	Fundamental	3.072~40.0 MHz	QUARTZ CRYSTAL 11.5 x 4.65 MM
	3 <sup>rd</sup> Overtone	40.001~70.0 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		200 pcs. / bag	

**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**

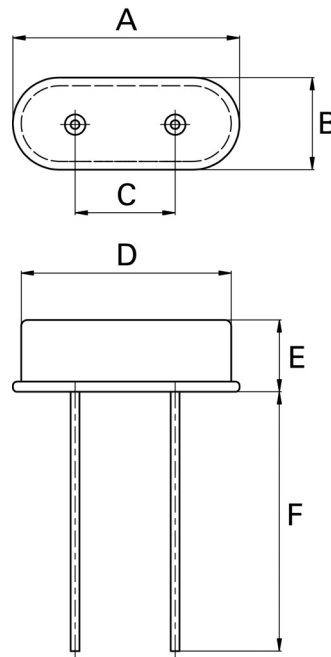
3.072~3.499 MHz: 300 Ω	8.0~11.999 MHz 60 Ω
3.500~4.199 MHz: 140 Ω	12.0~33.999 MHz 40 Ω
4.200~4.999 MHz 100 Ω	22.0~40.0 MHz BT 40 Ω
5.000~7.999 MHz 80 Ω	26.0~45~70.0 MHz 3 <sup>rd</sup> 70/60 Ω

**ORDERING KEY**

Example: FT2A-32.0/16-30-30/27

Type	- Frequency	/CL	-Frequency Tolerance	-Temperature Stability	/Temperature Code
FT2A	Value in MHz	Value in pF s for series	Value in ppm	Value in ppm	27 48

**MECHANICAL DIMENSIONS (MM)**



A	11.5 max.
B	4.65 max.
C	4.88 ± 0.2
D	10.24 max.
E	3.6
F	12.7 min.
G	3.7 max
H	N 0.43 ± 0.05