

**SPECIFICATION**

Frequency Range	Fundamental	3,072~40,0 MHz	<b>QUARTZ CRYSTAL</b> <b>11,5 x 3,6 MM</b>
	3 <sup>rd</sup> Overtone	26,0~70,0 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		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**

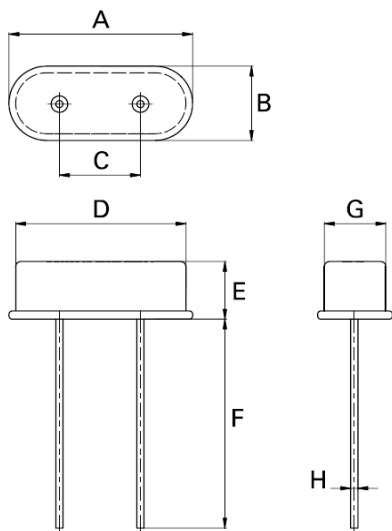
3,072~3,499 MHz: 300 Ω	8,0~11,999 MHz: 60 Ω
3,500~4,199 MHz: 140 Ω	12,0~40,0 MHz: 40 Ω
4,200~4,999 MHz: 100 Ω	26,0~44,999 MHz: 70 Ω (3 <sup>rd</sup> OT)
5,000~7,999 MHz: 80 Ω	45,0~70 MHz: 60 Ω (3 <sup>rd</sup> OT)

**ORDERING KEY**

Example: FT2A-24,5760/16-30-30/27

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	5,0 max.
C	4,88
D	10,3
E	3,6
F	13
G	3,8
H	0,45