

SPECIFICATION

Frequency Range	Fundamental	1.8432~30.0 MHz	QUARTZ CRYSTAL 13.46 X 10.3 MM
	3rd / 5th Overtone	30.0~75.0~125.0 MHz	
Motional Resistance		See Table 2	
Load Capacitance (CL)		7 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		100 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

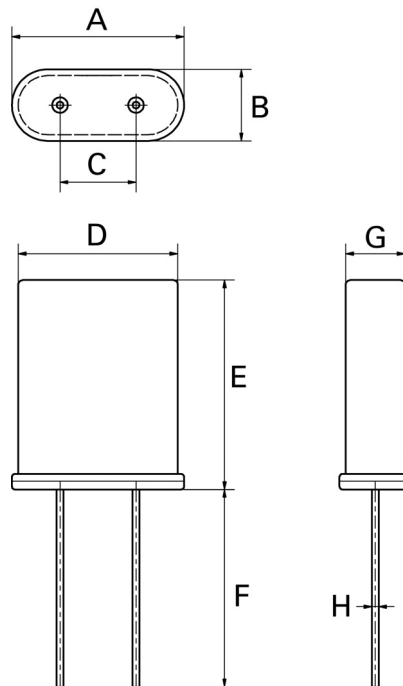
1.8432~2.399 MHz 400 Ω	4.0~6.999 MHz 60 Ω
2.400~2.999 MHz: 300 Ω	7.0~15.999 MHz 40 Ω
3.000~3.499 MHz 150 Ω	16.0~30.0 MHz 25 Ω
3.500~3.999 MHz 90 Ω	30~75~125 MHz 3 rd /5 th 40/70 Ω

ORDERING KEY

Example: FT1A-32.0/16-30-30/27

Type	- Frequency	/CL	-Frequency Tolerance	-Temperature Stability	/Temperature Code
FT1A	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
C	4.88±0.2
D	10.24
E	13.46 max.
F	12.7 min
G	3.8 max.
H	n 0.43 ± 0.05