

SPECIFICATION

Frequency Range	Fundamental	8,0~40,0 MHz	Quartz Crystal 11,5x5,0
	3rd 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		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

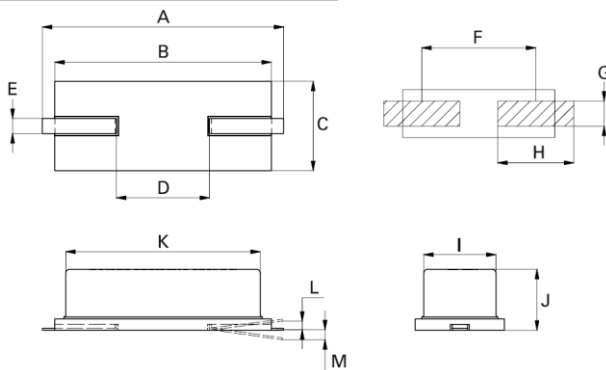
TABLE 2

8,000~11,999 MHz : 60 Ω	26,0~44,999 MHz : 70 Ω (3 rd OT)
12,000~33,999 MHz : 40 Ω	45,0~70,000 MHz : 60 Ω (3 rd OT)
22,000~40,000 MHz : 40 Ω	

ORDERING KEY

Example: FT5A-16,0/16-30-30/27

Type	- Frequency	/CL	-Frequency Tolerance	-Temperature Stability	/Temperature Code
FT5A	Value in MHz	Value in pF s for series	Value in ppm	Value in ppm	27 48

MECHANICAL DIMENSIONS (mm)


A	12,8 max.
B	11,5 max.
C	5,0 max.
D	5,0
E	1,0
F	9,5
G	2,0
H	5,5
I	3,8
J	3,2
K	10,3
L	0,2
M	0,3