

SPECIFICATION

Frequency Range	Fundamental	8.0 ~ 50.0 MHz	
	3rd overtone	50.1 ~ 125.0 MHz	
Motional Resistance		See Table 2	QUARTZ
Load Capacitance (CL)		9-32 pF	CRYSTAL
Drive Level		10µW typ., 100µW max.	6.0 x 3.5 MM
Frequency Tolerance @25°C		±10~±30 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		±3 ppm /year max.	
Shunt Capacitance		7 pF max.	
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

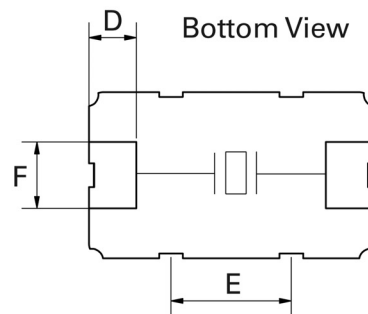
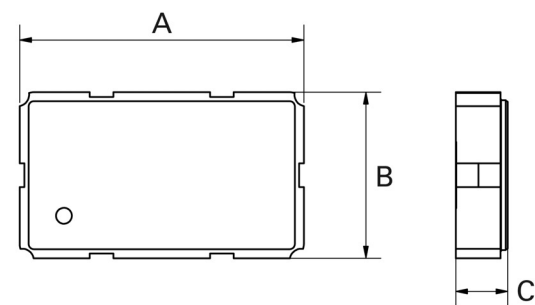
8.0~11.999 MHz	80 Ω
12.0~16.00 MHz	60 Ω
16.001~50.00 MHz	40 Ω
50.001~125.00 MHz	50 Ω

ORDERING KEY

Example: FT9A-32.0/16-30-30/27

Type	- Frequency	/CL	-Frequency Tolerance	-Temperature Stability	/Temperature Code
FT9A	Value in MHz	Value in pF s for series	Value in ppm	Value in ppm	27 48

MECHANICAL DIMENSIONS (MM)



A	6.0 ± 0.2
B	3.5 ± 0.2
C	1.2 ± 0.2
D	1.0
E	2.54
F	1.4
G	1.7
H	3.6
I	1.8

