

**SPECIFICATION**

Frequency Range	Fundamental	8,0 ~ 50,0 MHz
	3rd overtone	50,1 ~ 125,0 MHz
Load Capacitance (CL)		series to 32 pF
Frequency Tolerance @25°C		±10 ~ ±30 ppm
Frequency Stability		see Table 1
Operating Temperature Range	Standard, Code 27	-20°C ~ 70°C
	Available, Code 48	-40°C ~ 85°C
Storage Temperature Range		-50°C ~ 105°C
Equivalent Series Resistance (ESR)		see Table 2
Drive Level		10µW typ. (100µW max.)
Shunt Capacitance (CO)		7 pF max.
Reflow Soldering		10s max., 260°C twice or 180s @230°C once
Packing Unit		1000 pcs. Tape&Reel



TABLE 1

S: Standard ; A: Available

Temp. Code	Temp. / ppm	± 10	± 15	± 20	± 30	± 50	± 100
27	20~70°C	A	A	A	S	-	-
48	40~85°C	-	A	A	A	S	-

TABLE 2

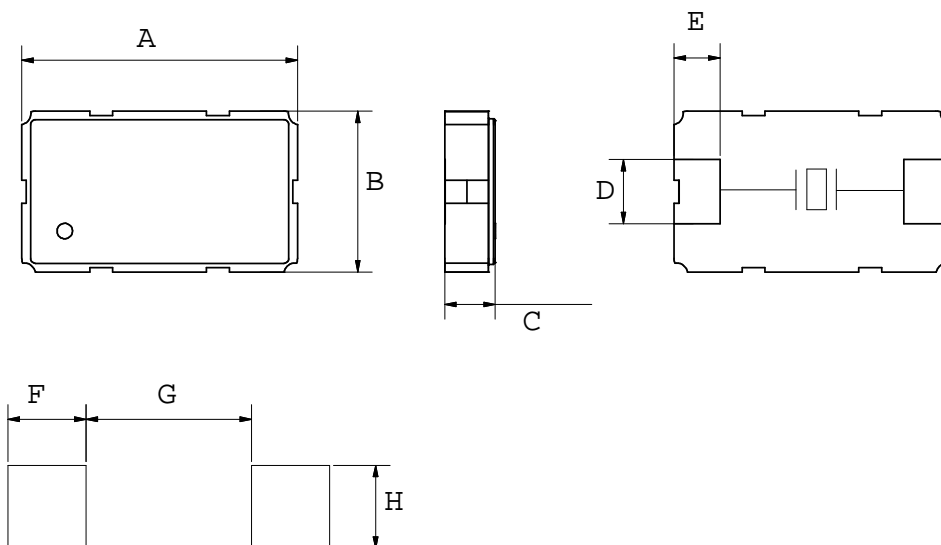
Freq. in MHz	ESR	Freq. in MHz	ESR
8,0~12,0	80 Ω	16,1~50,0	40 Ω
12,1~16,0	60 Ω	50,1~16,0	50 Ω

**ORDERING KEY**

Example: FT9A-24,5760/16-30-30/27

Type	- Frequency	/CL	-Freq. Tolerance	-Freq. Stability	/Temp. 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±0,15
C	1,2±0,2
D	2,0
E	1,5
F	1,7
G	3,6
H	1,8