

FREQTECH[®]
your first and second source

FT13A



SPECIFICATION

Frequency Range	Fundamental	12,0~54,0 MHz	Quartz
Motional Resistance		See Table 2	Crystal
Load Capacitance (CL)		7-16 pF	3,2 x 2,5 mm
Drive Level		10µW typ., 500µW max.	
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		3 pF	
Reflow Soldering		10s max., 260°C twice or 180s @185°C once	
Packing Unit		3000 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

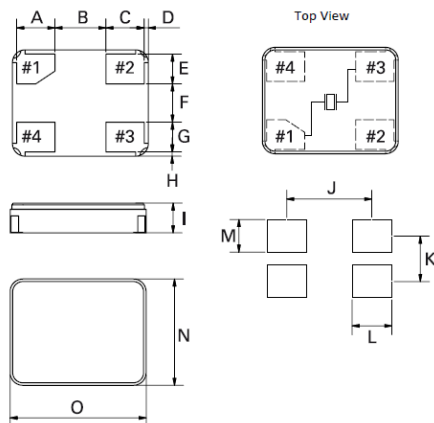
12,0~16,0 MHz: 100 Ω
16,001~26,0 MHz: 70 Ω
26,001~54,0 MHz: 50 Ω

ORDERING KEY

Example: FT13A-25,0/16-30-30/27

Type	- Frequency	/CL	-Frequency Tolerance	-Temperature Stability	/Temperature Code
FT13A	Value in MHz	Value in pF s for series	Value in ppm	Value in ppm	27 48

MECHANICAL DIMENSIONS (mm)



A	1,0
B	1,2±0,05
C	1,0
D	0,1
E	0,8
F	0,9±0,05
G	0,8
H	0,1
I	0,7 max.
J	2,3
K	1,85
L	1,3
M	1,05
N	2,5±0,2
O	3,2±0,2