



SPECIFICATION

Frequency Range	Fundamental	6,0~50,0 MHz	QUARTZ CRYSTAL 7,5 x 5,2 MM
Motional Resistance		See Table 2	
Load Capacitance (CL)		12 pF ~ 30 pF	
Drive Level		100µW max.	
Frequency Tolerance @25°C		±20~±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 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

6,0 ~ 8,0 MHz: 150 Ω
8,0 ~ 10,0 MHz: 80 Ω
10,0 ~ 16,0 MHz: 60 Ω
16,0 ~ 50,0 MHz: 40 Ω

ORDERING KEY

Example: FT32A-14,74560/16-30-30/27

Type	- Frequency	/CL	-Frequency Tolerance	-Temperature Stability	/Temperature Code
FT32A	Value in MHz	Value in pF s for series	Value in ppm	Value in ppm	27 48

MECHANICAL DIMENSIONS (MM)

