

Features

- ★ Precise tolerance and stability
- ★ Ultra low height
- ★ Tape and reel
- ★ 4 Pads
- ★ Large range of choice of frequency

Applications

- ★ Cellular telephones
- ★ Cordless telephones
- ★ PHS
- ★ Pagers



Dimension (Unit: mm)

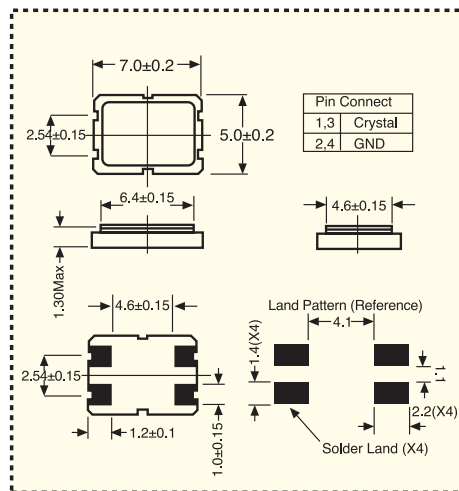


Table 1

Frequency Range (MHz)	ESR Max (Ω)	Mode
6.00~7.378	100 max	Fund.
7.378 ~9.999	60 max	Fund.
10.00 ~13.999	50 max	Fund.
14.00 ~24.00	40 max	Fund.
24.00 ~48.00	30 max	Fund.
48.00 ~125.00	80 max	3rd or 5rd overtone

Table 2

Temp \ PPM	10	15	30
-10~ 60°C	○	○	○
-20~ 70°C		○	○
-30~ 80°C		○	○

Specifications (Characteristics)

Item	Symbol	Specifications
Frequency Range	f	6.00 ~ 125MHz
Vibration Mode		AT Fund. (6.00 ~ 48MHz) 3rd or 5rd O/T (48 ~ 125MHz)
Frequency Tolerance at 25°C	Δf/f	±10 ppm ±20 ppm ±30 ppm ★
Frequency Stability in Operating Temp. Range	Δf/f	±10 ppm ±15 ppm ±30 ppm ★ (See Table 2)
Load Capacitance	CL	12pF, 16pF, 18pF, 20pF, 32pF or series
Operating Temp. Range	Topr	-10°C ~ +60°C ★ -30°C ~ +80°C
Storage Temp. Range	Tstg	-40°C ~ +90°C
Equivalent Series Resistance (ESR)	Rs	See Table 1
Drive Level	PWR	10, 100uW
Aging	fa	±1, ±3 ppm /Year (Max)
Packing		Tape and Reel Packages 1,000 pcs. per reel 10,000 pcs per export carton

★ Commonly Used

Part Number and Ordering

Part Number Code	Holder Type + Frequency + Mode of Vibration + Tolerance/Stability + RS + CL
Ordering Code	Same as Above
Example	SX7050(4)-16M-AF-30/30-30Ω-20P SX7050(4)-48M-3rd-30/15-80Ω-20P