

SMD 0705 Quartz Crystal

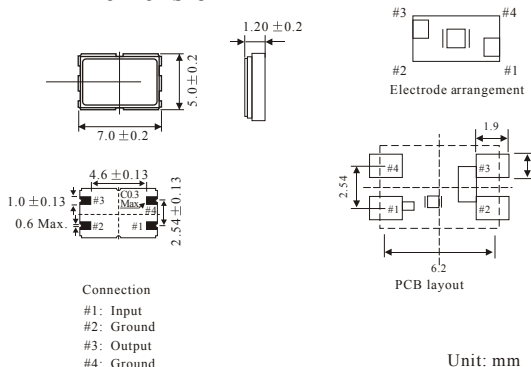
4 pads, 7.0x5.0x1.2mm



Features

- Ultra Low Height
- Tight Tolerance and Stability
- 4 pads
- Tape & Reel
- Dimension 7.0x5.0x1.2mm
- Seam Weld Sealing
- Lead Free available

Dimension



Specification

Type	SMD 7.0 x 5.0 - 4 Pads
Frequency Range	6.000MHz to 100.000MHz
Frequency Tolerance at 25 °C	± 10ppm to +100ppm
Frequency Stability	± 10ppm to +100ppm
Operating Temperature	-10 °C to +60 °C *
Load Capacitance	6pF to 50pF or Series
Shunt Capacitance	< 7pF
Storage Temperature	-40 °C to +85 °C *
Drive Level	100uW *
Aging	± 5ppm first year max

* Can be changed according to Customer's requirement.

ESR vs Standard Frequency, Vibration Mode

Frequency Range (MHz)	ESR Max (Ω)	Vibration Mode
6.0000 - 8.0000	100	AT Fund
8.0001 - 9.9999	80	AT Fund
10.0000 - 13.9999	60	AT Fund
14.0000 - 24.9999	50	AT Fund
25.0000 - 40.0000	40	AT Fund
24.0000 - 39.9999	100	3rd OT
35.0000 - 100.0000	80	3rd OT

Frequency Stability vs. Operating Temperature

	± 10ppm	± 20ppm	± 30ppm	± 50ppm	± 100ppm
-10 °C - +60 °C	○	○	●	○	○
-10 °C - +70 °C	○	○	●	○	○
-20 °C - +70 °C	○	○	●	●	○
-40 °C - +85 °C			○	●	○

○ Available ● Standard

Reflow Soldering Profile

