

Model Numbering Guide – High Precision Crystal Units

Available options

| Type | package (mm) | Load Capacitance (pF) | Frequency Tolerance vs. LTP, UTP (ppm) | Aging(after 30 days) (ppb) | Temp. Range(°C) | Special Requirement | Oscillator Mode | Appearance | Marking | Dash | Freq. (MHz) |
|----------|--|---|---|---|--|---|--|--|--|------|-------------|
| X: X'tal | 5: HC-45U 6: HC-35U (TO-5) 7: HC-37U (TO-8) 8: HC-43U H: UM1 | C: 10 D: 12 G: 18 H: 20 I: 30 P: 22 Q: 25 M: 12.5 S: Series | A:±0.5 B:±1.0 C:±2.0 D:±2.5 E:±3.0 F:±4.0 G:±5.0 H:±10 P:±1.5 | A:±0.5 B:±1.0 C:±2.0 D:±2.5 E:±3.0 F:±4.0 G:±5.0 H:±10 P:±1.5 | C:+70~+80 D:+80~+90 E:+90~+100 F:+20~+30 G:+75~+85 H:+80~+92 I:+80~100 J:+85~100 K:+90~103 | N:No Special Requirement Q:Q Value Requested O:For OCXO (SMD Crystal) | G:SC Fundamental H: SC 3rd Overtone I:SC 5th Overtone J:SC 7th Overtone | G:HC-37U LP N:None (Normal) V:3-Pads SMD Y: Channel ID | D:Lead-Free, Laser and Not TTE Standard Marking G:Lead-Free, Ink and TTE Standard Marking F:Lead-Free, Laser and TTE Standard Marking O:Lead-Free, No Marking | - | XX.XXXXX |
| K: X'tal | L: HC-40U E: SMD8x8 | | | | | | | | | | |

X 5 H G G J N I N F – 100.000000

*Not all combinations of options are available.

Example: X5HGGJNINF-100M

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|-----------------------------|------------------------|
| Type | X'tal |
| Package | HC-45U |
| Load Capacitance | 20 pF |
| Freq. Tol. | ±5.0ppm |
| Aging(after 30 days) | ±5.0ppb |
| Temp Range | +85 ~100 °C |
| Special Requirement | No Special Requirement |
| Oscillator Mode | SC 5th Overtone |
| Appearance | Normal Appearance |
| Lead Free | RoHs Compliant |
| Frequency | 100.000000 MHz |