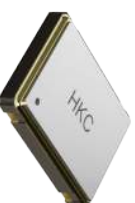




7050 Crystal Clock Oscillator 7050XO Series

Model C4

4 PADS 7.0 x 5.0



Frequency Range : 0.50MHz to 160.00MHz / 32.768KHz

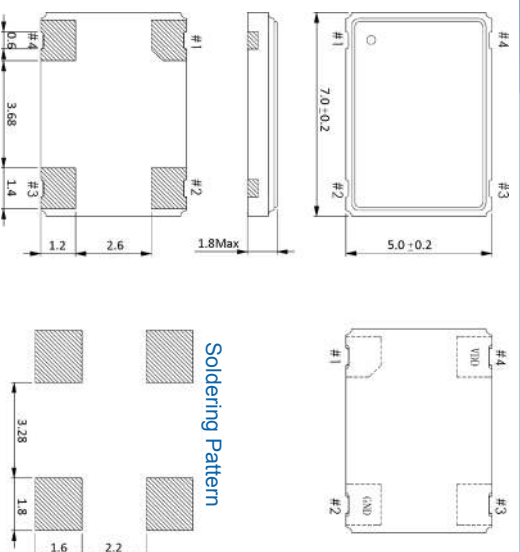
Features :

- High reliability & low cost unit
- Tight stability & extended temperature available
- Lead-free type
- For automotive applications, please contact our sales representatives

QUARTZ CRYSTALS

Item	Value
Frequency Range	0.50MHz to 160.00MHz / 32.768KHz
Frequency Stability	±50ppm
Operating Temperature Range	-20°C to +70°C (or specify)
Operable Temperature Range	-40°C to +85°C
Operating Voltage	1.8V / 3.3V / 5.0V ±10%
Output Type	HCMOS
Output Load	15pF Max.
Current Consumption (Max)	1.8V: 3.3V 0.5-16MHz: 6mA 0.5-16MHz: 7mA 5.0V 17-80MHz: 15mA 17-80MHz: 38mA 0.5-16MHz: 23mA 81-160MHz: 25mA 81-160MHz: 65mA 17-80MHz: 35mA 32.768KHz: 0.2mA 32.768KHz: 0.2mA 81-160MHz: 80mA
Output Symmetry	HCMOS: 40~60%(at 50%V _{DD}) ; 45~55% is available
"High" Output Voltage	HCMOS: 90%V _{DD} Min.
"Low" Output Voltage	HCMOS: 10%V _{DD} Max.
Rise and Fall Time	0.5-160MHz: 5ns Max. 32.768KHz: 30ns Max.
Tri-State	Yes

Dimension



Note :

1. Manufacturer reserves the right to change the specification and content of this product for improvement without notification.
2. Custom specification is welcome. Please contact our sales representative for further details.
3. If the crystal is intended for applications which have direct impact on human life and properties, and require a high degree of reliability and safety concerns, customers must provide full information such as but not limit to the application, electrical and reliability specification at the inquiry beginning stage.
4. Customers have to agree to the "Guideline for handling crystal units" and "Standard Terms and Condition of Sales" which is printed this catalog before placing orders to our company or our distributes. There are also unpredictable factors such as applied condition, oscillation margin and etc and customers must check them beforehand. In case of queries, please do not fail to send inquiry to our company before ordering.

