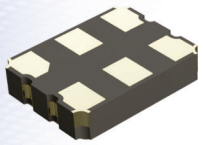
Hong Kong X'tals Limited

5032 Crystal Clock Oscillator

5032XO Series (LVPECL)

Model C2 6 PADS 5.0 x 3.2



Frequency Range : 100.00MHz to 156.25MHz

Features :

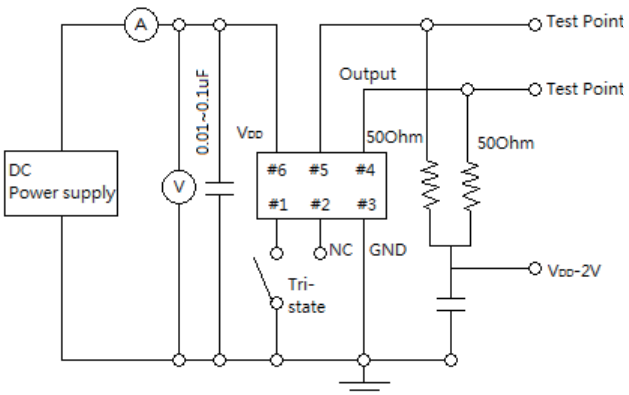
- High reliability & low cost unit
- Tight stability & extended temperature available
- Lead-free type
- For automotive applications, please contact our sales representatives

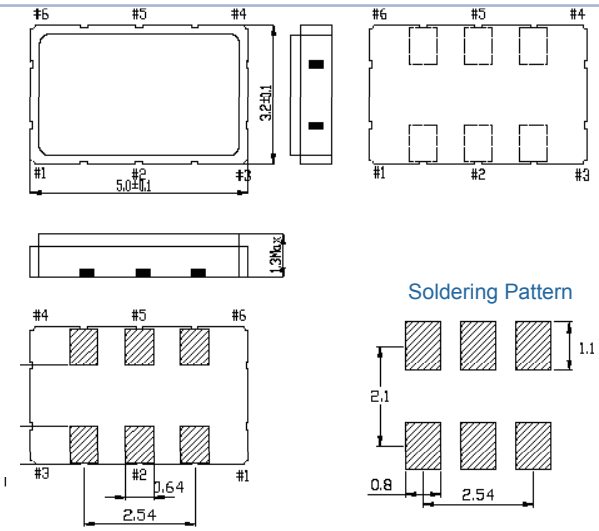
QUARTZ CRYSTALS

Standard Specifications

Item	Value
Frequency Range	100.00MHz to 156.25MHz
Frequency Stability	±20ppm, ±50ppm, ±100ppm (or specify)
Operating Temperature Range	-20°C to +70°C, -40°C to +85°C, -40°C to +125°C
Storage Temperature Range	-40°C to +130°C
Operating Voltage	2.5V / 3.3V ±10%
Output Type	LVPECL
Current Consumption (Max)	60mA
Output Load	50Ohm
Output Symmetry	45~55%
Output Voltage Level	VOL : V_{DD}-1.620Max / VOH : V_{DD}-1.040Min
Phase Jitter RMS (12kHz~20MHz)	0.3ps Max.
Rise and Fall Time	1ns Max. @ 20%~80% Output Level
Tri-State	Yes

Test Circuit and Dimension





Soldering Pattern

1 - Enable Control
2 - NC
3 - GND
4 - OUT
5 - ~OUT
6 - VDD

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.

Ver 1.2