



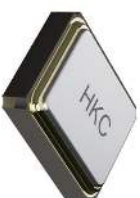
Ceramic SMD Crystals 3225SX Series

Model C7 4 PADS 3.2 X 2.5

Frequency Range : 8.00MHz to 150.00MHz

Features :

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

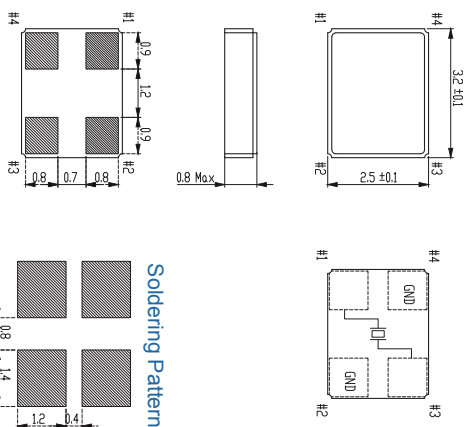


QUARTZ CRYSTALS

| Standard Specifications | Item | Value |
|--|------|-------------------------------|
| Frequency Range | | 8.00MHz to 150.00MHz |
| Frequency Tolerance | | ±10ppm, ±20ppm (or specify) |
| Frequency Tolerance over Temperature range | | ±10ppm ±20ppm |
| Operating Temperature Range | | -20°C to +75°C -40°C to +85°C |
| Operable Temperature Range | | -40°C to +90°C |
| Drive Level | | 50uW Typ (100uW Max) |
| Load Capacitance | | 8pF (or specify) |

| ESR Table | Frequency Range (MHz) | Standard ESR (Ohm) |
|-----------|-----------------------|--------------------|
| | 8.00 ~ 10.99 | 500 |
| | 11.00 ~ 11.99 | 300 |
| | 12.00 ~ 12.99 | 200 |
| | 13.00 ~ 15.99 | 150 |
| | 16.00 ~ 19.99 | 80 |
| | 20.00 ~ 21.99 | 60 |
| | 22.00 ~ 54.00 | 50 |
| | 60.00 ~ 150.00 (30/T) | 300 |

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.

