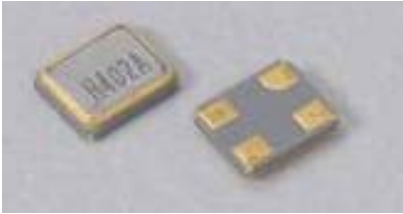


# CRYSTAL RESONATOR

## Seam Sealed Ceramic Package

### HSX211S Series



**Features:**

- Ultra miniature SMD type crystal device.
- High precision and reliability with excellent heat resistance.
- Optimal solution for smartphone applications with limited design space, miniaturized wireless module devices, RFID application, and other consumer based products.

**Dimension (mm):**

|  |  |
|--|--|
|  | <p><b>Internal Connections</b><br/>&lt;Top View&gt;</p>          |
|  | <p><b>Recommended Land Pattern (mm)</b><br/>&lt;Top View&gt;</p> |

**Standard Specification:**

| ITEM   | TYPE | HSX211S                                |          |
|--|------|--|----------|
|  |      | Frequency Range                        | 16~30MHz |
| Mode   |      | Fundamental                            |          |
| Frequency Tolerance                            |      | ±7ppm ~ ±50ppm (at. 25°C) , or Specify |          |
| Frequency Stability over Operating Temperature |      | ±10ppm, or Specify                     |          |
| Operating Temperature                          |      | -10 ~ +60 °C , or Specify              |          |
| Load Capacitance                               |      | Series, 8pF, 10pF, 12pF, or Specify    |          |
| Drive Level                                    |      | 10µW (100µW Max.)                      |          |
| Equivalent Series Resistance                   |      | 100ΩMax.                               | 80ΩMax.  |
| Storage Temp. Range                            |      | -40 ~ +125°C                           |          |

\*Packing Unit : 3,000pcs/Reel.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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