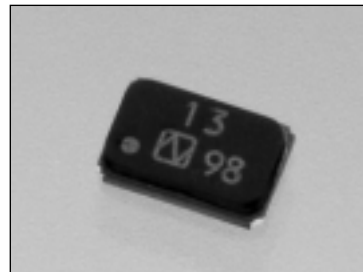


## SURFACE MOUNT TYPE CRYSTAL UNITS / NX4025GA

This is ultra small surface mount type crystal units which is developed for Bluetooth.

### ■ Features

- Ultra compactness and thin (4.0×2.5×0.8mm)
- Pullability is wide, which is a practical value for circuits, and is compact designed.
- Equivalent resistance of 60 MAX, and is compact designed.
- Using a glass seal which is excellent heat resistance and environmental characteristics in its holder and is excellently suitable for mass production.



### ■ Specification

| Item  | Type | NX4025GA   |   |
|---|------|--|---|
| Nominal Frequency (MHz)                             |      | 13   | 16  |
| Overtone  |      | Fundamental  |   |
| Frequency Tolerance (at 25±3°C)                     |      | ± 10 × 10 <sup>-6</sup>  |   |
| Temperature Characteristics (in reference to +25°C) |      | ± 15 × 10 <sup>-6</sup> (−30 ~ +85°C) / For mobile communication equipment<br>± 15 × 10 <sup>-6</sup> (−10 ~ +60°C) / For Computer, OA product |   |
| Pullability   |      | 7 × 10 <sup>-6</sup> /pF (at 13pF) Typical   | 13 × 10 <sup>-6</sup> /pF (at 10pF) Typical |
| Equivalent Series Resistance                        |      | 60Ω  |   |
| Drive Level   |      | 10 μW (100 μW max)   |   |
| Standard Load Capacitance                           |      | 13pF   | 10pF  |
| Operable Temperature Range                          |      | −30 ~ +85°C  |   |

### ■ Dimensions

