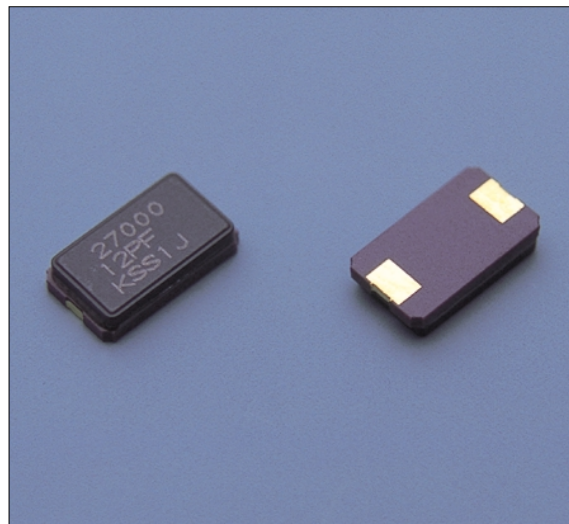


# CX-8045G (CX-11F)

## SMD

### ■Features

- Compact, thin. (8.0×4.5×1.8mm)
- For self-loading.
- Ceramic package leadless type.
- Emboss tapping.
- Reflow soldering.
- The oscillation circuit can obtain sufficient output at the inverter stage.



### ■Specifications

| Type                         | CX-8045G                                                                                                          |
|------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Frequency Range              | 8~70MHz                                                                                                           |
| Standard Frequency           | Table 1                                                                                                           |
| Overtone Order               | 8~47MHz : Fundamental<br>40~70MHz : 3rd. O.T.                                                                     |
| Operating Temp. Range        | -10~+70°C                                                                                                         |
| Storage Temp. Range          | -40~+85°C                                                                                                         |
| Frequency Tolerance          | at 25°C<br>Over The Oper. Temp. Range                                                                             |
|                              | $\pm 15, \pm 30, \pm 50 \times 10^{-6}$<br>$\pm 15, \pm 30, \pm 50 \times 10^{-6}$ (referred to 25°C)             |
| Load Capacitance             | 12pF                                                                                                              |
| Equivalent Series Resistance | 8~10MHz (Fund.) 200Ω MAX.<br>10~12MHz (Fund.) 150Ω MAX.<br>12~47MHz (Fund.) 50Ω MAX.<br>40~70MHz (3rd.) 150Ω MAX. |
| Shunt Capacitance            | 7pF MAX.                                                                                                          |
| Drive Level                  | 8~16MHz:0.5mW MAX.<br>16~24MHz:0.3mW MAX.<br>24~47MHz:0.1mW MAX.<br>3rd. O.T. :0.3mW MAX.                         |
| Shock                        | Three drops onto a hard wood board from the height of 20cm                                                        |
| Vibration                    | 10~55Hz, amplitude 1.5mm, each to 3 directions, 2 hours each                                                      |

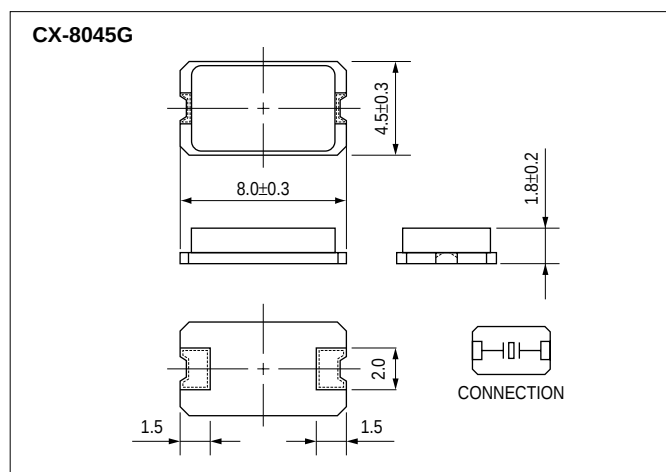
\*Taping item packaging : one unit 1,000pcs & 3,000pcs

■Table 1  
Standard Frequencies

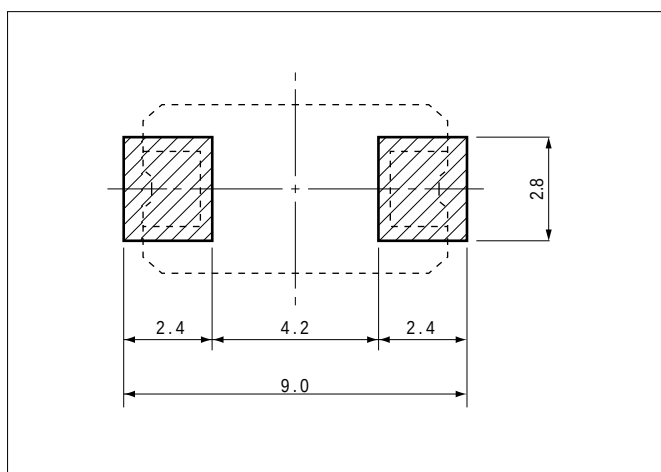
| Standard Frequency (MHz) |          |
|--------------------------|----------|
| 14.31818                 | 27.000   |
| 16.000                   | 28.63636 |
| 16.384                   | 30.000   |
| 16.9344                  | 32.000   |
| 19.6608                  | 33.8688  |
| 20.000                   | 36.000   |
| 21.47727                 | 40.000   |
| 24.000                   | 45.1584  |
| 24.576                   |          |

\* Please inquire about frequencies other than the above.

### ■Outline



### ■Land Pattern(reference)



Dimensions(mm)