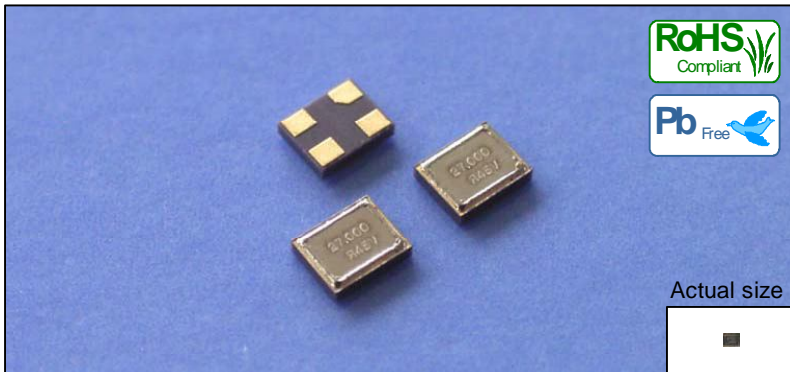


SURFACE MOUNT CRYSTAL FCX-06



Features

- Compact design (2.0mm×1.6mm×0.5mm Max., Weight : 5.6mg).
- Ceramic package and metal lid assures extreme accuracy and high reliability by electron beam sealing.
- Accommodating high precision frequency and temperature characteristics.
- Lead-free soldering is available.
- Applications : Mobile phone, W-LAN, Bluetooth, Tuner module

Specifications

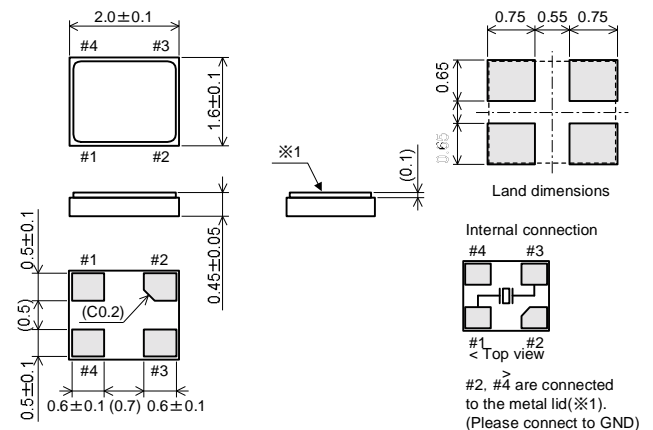
| Item | Standard specifications | | | |
|--|-------------------------------|-------------------------------|-------------------------------|-----------------------|
| Frequency range(MHz) | 18.0 to 80.0 | | | |
| Overtone order | Fundamental | | | |
| Frequency tolerance (ppm)(at 25°C) | ± 10, ± 20, ± 30, ± 50, ± 100 | | | |
| Storage temperature range(°C) | -40 to +85 | | | |
| Operating temperature range(°C) | 0 to +50 | -10 to +60 | -20 to +70 | -40 to +85 |
| Frequency versus temperature characteristics (ppm) (Refer to 25°C) | ± 10 ± 30 ± 50 ± 100 | ± 15 ± 30 ± 50 ± 100 | ± 20 ± 30 ± 50 ± 100 | ± 30 ± 50 ± 100 |
| Motional resistance (ESR) | As per below table | | | |
| Level of drive(μW) | 100 Max. | | | |
| Load capacitance(pF) | 5.0, 6.0, 7.0 | | | |

| Frequency(MHz) | Motional resistance (ESR) (Ω) |
|----------------|-------------------------------|
| 18.0 to 20.0 | 300 Max. |
| 20.0 to 25.0 | 200 Max. |
| 25.0 to 40.0 | 100 Max. |
| 40.0 to 80.0 | 60 Max. |

- Please consult us for customized specifications.
- All specifications and markings subjected to change without notice.

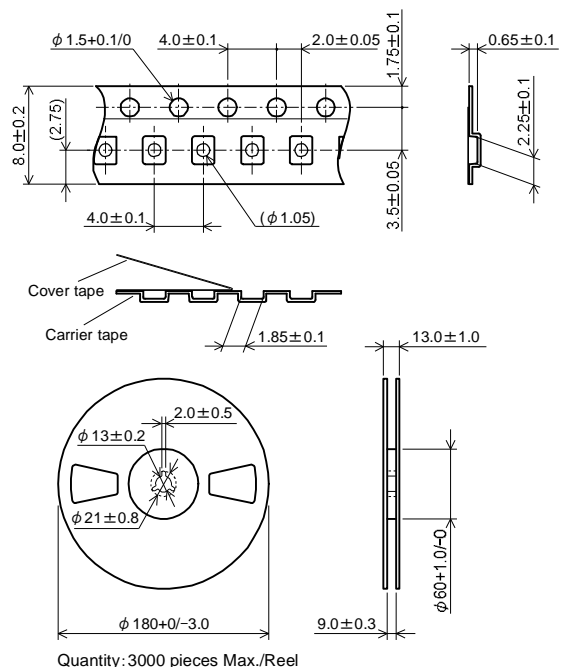
Dimensions

Unit: mm



Taping

Unit: mm



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