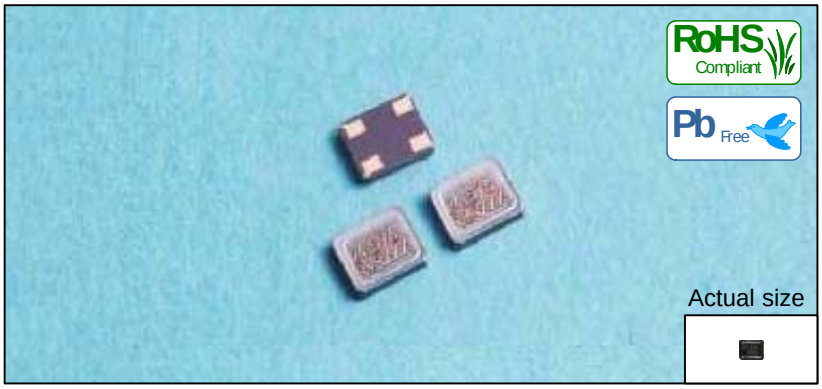
SURFACE MOUNT CRYSTAL FCX-04



Features

- Compact design (3.2mm×2.5mm×0.9mm Max., Weight : 0.02g).
- Ceramic package and metal lid assures extreme accuracy and high reliability by electron beam sealing.
- Lead-free soldering is available.
- Accommodates high precision frequency and temperature characteristics.
- Applications : Laptop PC, DSC, DVC, W-LAN, Bluetooth, Tuner module

Specifications

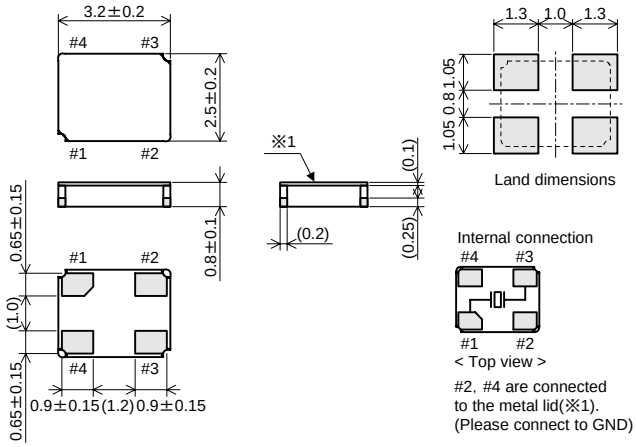
Item	Standard specifications			
Frequency range(MHz)	16.0 to 60.0			
Overtone order	Fundamental			
Frequency tolerance (ppm)(at 25°C)	±15, ±20, ±30, ±50, ±100			
Storage temperature range(°C)	−40 to +85			
Operating temperature range(°C)	0 to +50	−10 to +60	−20 to +70	−40 to +85
Frequency versus temperature 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)	200 Max.			
Load capacitance(pF)	8.0, 10.0			

Frequency(MHz)	Motional resistance(ESR)(Ω)
16.0 to 30.0	100 Max.
30.0 to 60.0	50 Max.

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

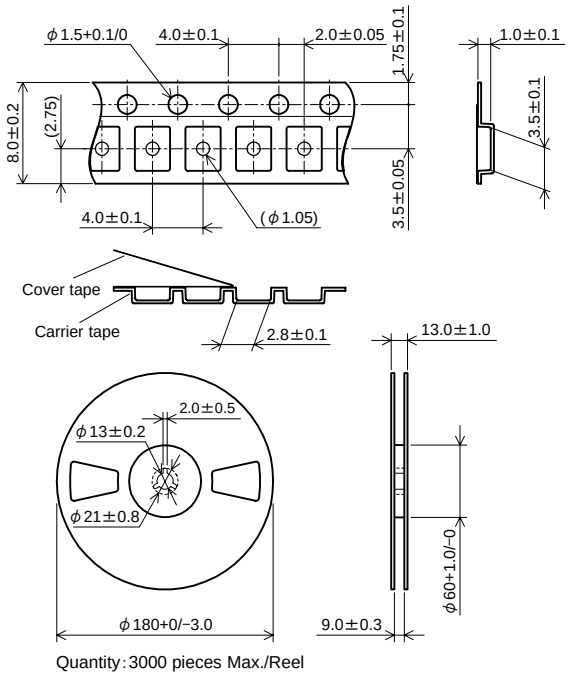
Dimensions

Unit : mm



Taping

Unit : mm



Quantity : 3000 pieces Max./Reel

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