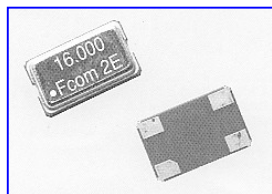


小型SMD水晶振動子 FSX-5M

SMALL SIZE SMD CRYSTAL UNITS



FSX-5M

高密度実装が可能で移動体通信からコンピューター、マルチメディア関係までの幅広い用途に最適です。

High-density mounting possible and suitable for the various such as mobile communications, computers and multimedia etc.

Main Applications

- ☆ 通信機器装置/Telecommunication equipment
- ☆ 携帯電話, GPS/Portable phone, GSM, PHS, PCS, DECT, TETRA, GPS
- ☆ PCMCIAカード/PCMCIA

特長 / Features

- ☆ 小型、低背型 / Small and Low Profile
- ☆ セラミックパッケージ リードレスタイプ / Ceramic package lead less type.
- ☆ リフロー可能です。 / Reflow available.
- ☆ 鉛フリー、RoHS指令対応品 / Pb free, RoHS compliant

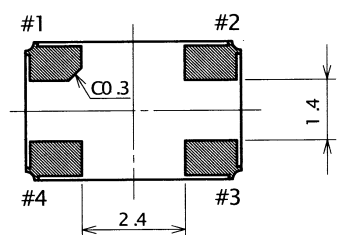
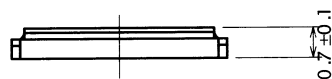
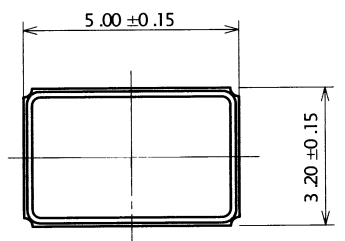
仕様 / Specification

仕様/Specification	
項目 / Item	FSX-5M
周波数 / Frequency	10.0 ~ 50.0MHz
振動モード / Oscillation mode	AT cut, Fundamental
周波数偏差 / Frequency tolerance	±30ppm, ±50ppm at 25°C
温度特性 / Temperature tolerance	±30ppm ~ ±50ppm (-10°C ~ +70°C Ref. to 25°C)
等価直列抵抗 / Equivalent series resistance	Fundamental: 60Ω max.
並列容量 / Shunt capacitance	7pF max.
負荷容量 / Load capacitance	18pF (Standard)
ドライブレベル / Drive level	10 ~ 100μW
経時変化 / Aging ΔF/F	±5ppm max. (25°C±3°C) (First year)

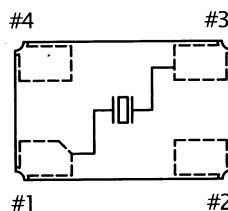
Specifications which are different from those above may be acceptable.

外形寸法 / Dimensions (mm)

FSX-5M



Top View



- #1 : X' tal
- #2 : GND
- #3 : X' tal
- #4 : GND

#2,#4 is connected with cover

