

- ## Parametric Search

Inventory Search Brief Sheet

Specifications

*1 40MHz ≤ f_nom : ±2 × 10⁻⁶ / year Max.

Product name (Standard form)

T S X - 3 2 2 5	4 8 . 0 0 0 0 0 0 M H z	1 2 . 0	+ 1 0 . 0 - 1 0 . 0
①	②	③	④
①Model	②Frequency	③Load capacitance(pF)	④Frequency tolerance (×10 ⁻⁵ , +25°C)

※In addition to the above mentioned specification item, please specify frequency temperature characteristics and operating temperature range in case of inquiry.

<TSX-3225>

Product Number

※ Blank section is decided by each detail specifications.

X 1 E 0 0 0 0 2 1

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 0 0

① ② ③ ④ ⑤

①Crystal devices

②Model

④Detail specifications

③Pb free code

⑤Packing

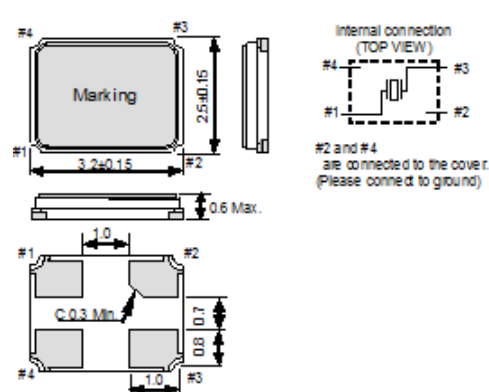
1	EU RoHS/Pb free product
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00	Standard packing
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Motional resistance (ESR)

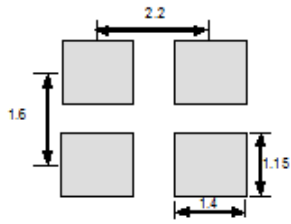
Frequency	Motional resistance
16.0MHz ≤ f _{nom} < 21.0MHz	60Ω Max.
21.0MHz ≤ f _{nom} ≤ 48.0MHz	40Ω Max.

External dimensions



(Unit: mm)

Footprint (Recommended)



(Unit: mm)

PRODUCTS

- ▶ TCXO
- ▶ VCXO
- ▶ AO (Atomic Oscillator)
- ▶ OCXO
- ▶ Crystal Oscillator
- ▶ Real Time Clock
- ▶ Crystal Unit
- ▶ Sensor
- ▶ Timing Module
- ▶ Epson Products for Car Electronics

APPLICATIONS

- ▶ Wired network
- ▶ Measurement instrument
- ▶ Factory automation
- ▶ Security
- ▶ Broadcasting & Audio
- ▶ Automotive

IC Partners

- ▶ Circuit design information
- ▶ IC Partners information

INFORMATION

- ▶ Support
- ▶ Technical Information
- ▶ Precaution
- ▶ Discontinue products
- ▶ Product Change Notification / Engineering Change Notification Announcement
- ▶ Higher Quality / Green Purchasing / Business continuity management
- ▶ Sales Office and Plants
- ▶ Articles

NEWS

- ▶ News Release
- ▶ What's new
- ▶ New products

CONTACT

- ▶ Contact
- ▶ Online distributor