



**THE DATASHEET OF
7M50020001**

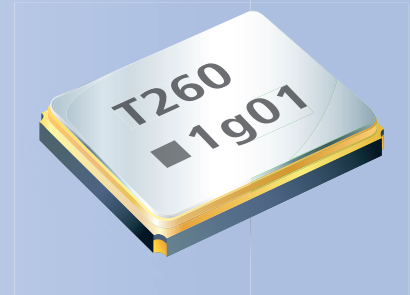
SMD Seam Sealing Crystals

3.2 x 2.5 x 0.7 mm 7M Series

Quartz Crystals
Series

Features

- High precision and high frequency stability.
- Extremely good for reducing EMI effect.
- The best choice of Bluetooth, wireless communication set, DSC, PDA, and mobile phone.
- RoHS Compliant / Pb Free.



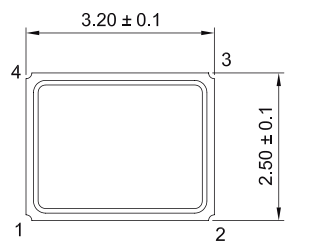
Electrical Specifications

Item / Type	7M
Frequency Range	10 ~ 64 MHz
Frequency Tolerance (at 25 °C)	± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 30 ppm, or specify
Operating Temperature Range	-10 ~ +70 °C, or specify
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 200 μW (100 μW typical)
Load Capacitance	10 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

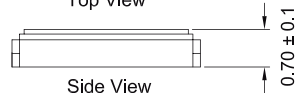
Equivalent Series Resistance(ESR)

Fundamental	
10 ~ 16 MHz	100 Ω Max.
16 ~ 20 MHz	80 Ω Max.
20 ~ 64 MHz	60 Ω Max.

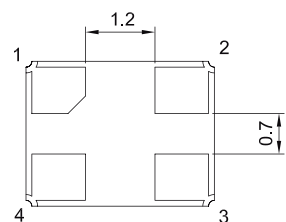
Dimensions



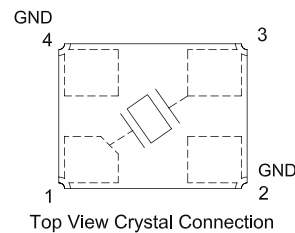
Top View



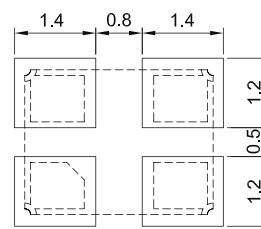
Side View



Bottom View



Top View Crystal Connection



Top View Suggested Layout

Units: mm

Remark : Specification subject to change without prior notice. Please confirm with our sales. <http://www.txccorp.com>

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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 [TXC CORPORATION](#) Information

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management