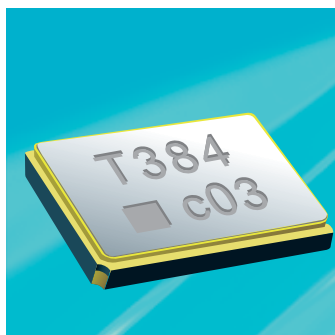




Features

- > Extremely small SMD type crystal units.
- > High precision and high frequency stability.
- > Excellent heat resistance and environmental characteristics.
- > Applications in PDA, DSC, DVC, PC, etc.
- > RoHS Compliant / Pb Free.

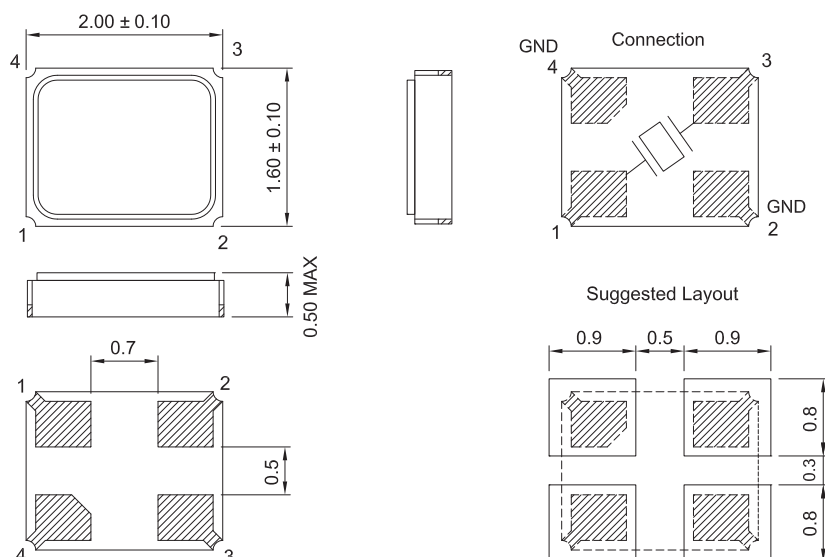
Electrical Specifications

Item / Type	8Y
Frequency Range	20 ~ 54 MHz
Frequency Tolerance (at 25 °C)	± 15 ppm, ± 30 ppm, or specify
Frequency Stability Over Operating Temperature Range	± 15 ppm, ± 30 ppm, or specify
Operating Temperature Range	-10 ~ + 60 °C, - 30 ~ + 85 °C, or specify
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 200 µW (50 µW typical)
Load Capacitance	8 pF, 10 pF, 12 pF, or specify
Aging (at 25 °C)	± 3 ppm / year Max.
Storage Temperature Range	- 40 ~ + 85 °C

Equivalent Series Resistance(ESR)

Fundamental	
20 ~ 30 MHz	100 Ω Max.
30 ~ 54 MHz	80 Ω Max.

Dimensions



Units:mm

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

Mouser Electronics

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