

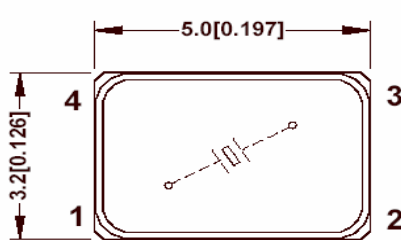


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## QUARTZ CRYSTAL SPECIFICATION

Frequency	<b>24.000</b> MHz
Core Part Number & Holder Type	CS0503 24.000 ( SMD---5x3.2x1.0mm)
Crystal Cut	AT-cut
Mode of Oscillation	Fundamental Mode
Frequency Tolerance at 25°C	±30 ppm
Frequency Stability	±50 ppm over -40 to +85 °C
Maximum Equivalent Series Resistance	<b>40</b> ohms max.
Shunt Capacitance (Co)	6 pF max.
Load Capacitance (CL)	18 pF
Drive Level	10 uW max.
Operating Temperature Range	-40 to +85 °C
Storage Temperature Range	-50 to +105 °C
Aging	±3 ppm max. per year

## PACKAGE DIMENSION: Unit : mm



Pad 1 and 3: Crystal  
 Pad 2 and 4: Metal lid and ground  
 Chamfered pad is pad No. 1

