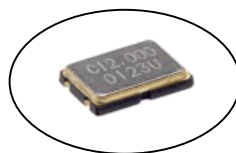




CRYSTEK
CRYSTALS
A DIVISION OF CRYSTEK CORPORATION

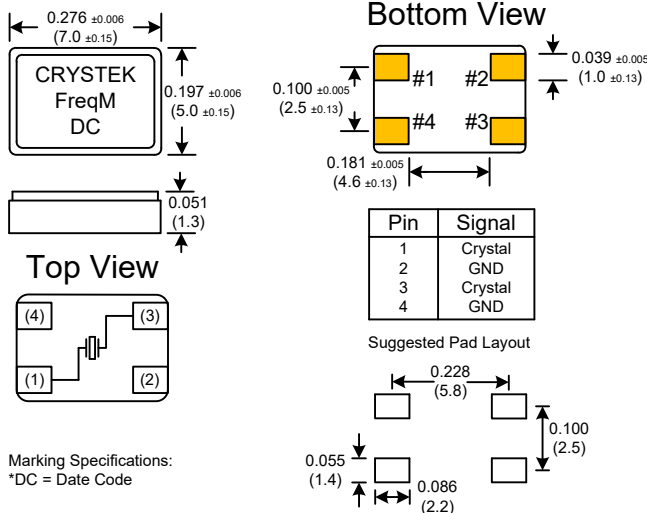


Quartz Crystal

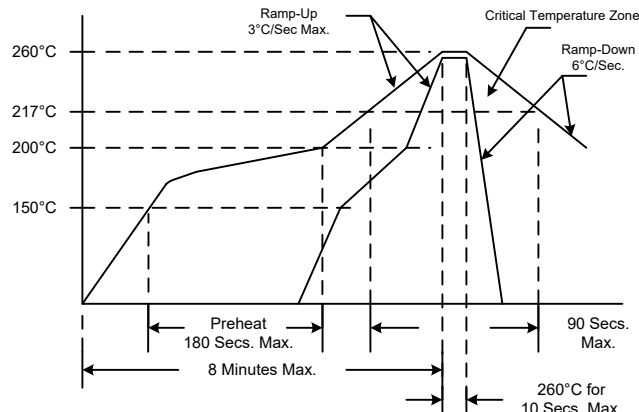
Designed to meet the precision and space requirements needed for wireless applications.

CSX1 Model

5x7 mm Low Profile SMD Crystal



RECOMMENDED REFLOW SOLDERING PROFILE



NOTE: Reflow Profile with 240°C peak also acceptable.

Packaging Specifications: 1K ea. Tape and Real

Frequency Range: 8.000 MHz to 50.000 MHz (Fund)
40.000 MHz to 100.000 MHz (3rd OT)

Calibration Tolerance: ±10ppm to ±50ppm

Frequency Stability: ±15ppm to ±100ppm

Operating Temp. Ranges: 0°C to 70°C
-20°C to 70°C
-40°C to 85°C

Storage Temp. Range: -40°C to 85°C

Resistance: See Table 1

Shunt Cap: 5pF Max

Holder Type: 5x7mm SMD

Aging: ±3ppm/1st year Max

Drive level: 50uW Typical, 300uW Max

Motional Capacitance: Not Specified

Spurious Response: Not Specified

C0/C1 Ratio: Not Specified

Pullability: Not Specified

Trim Sensitivity: Not Specified

Temp. Coefficient: Not Specified

Custom Designs Available

Build Your Own P/N

CSX1 - X X X - XX - Freq

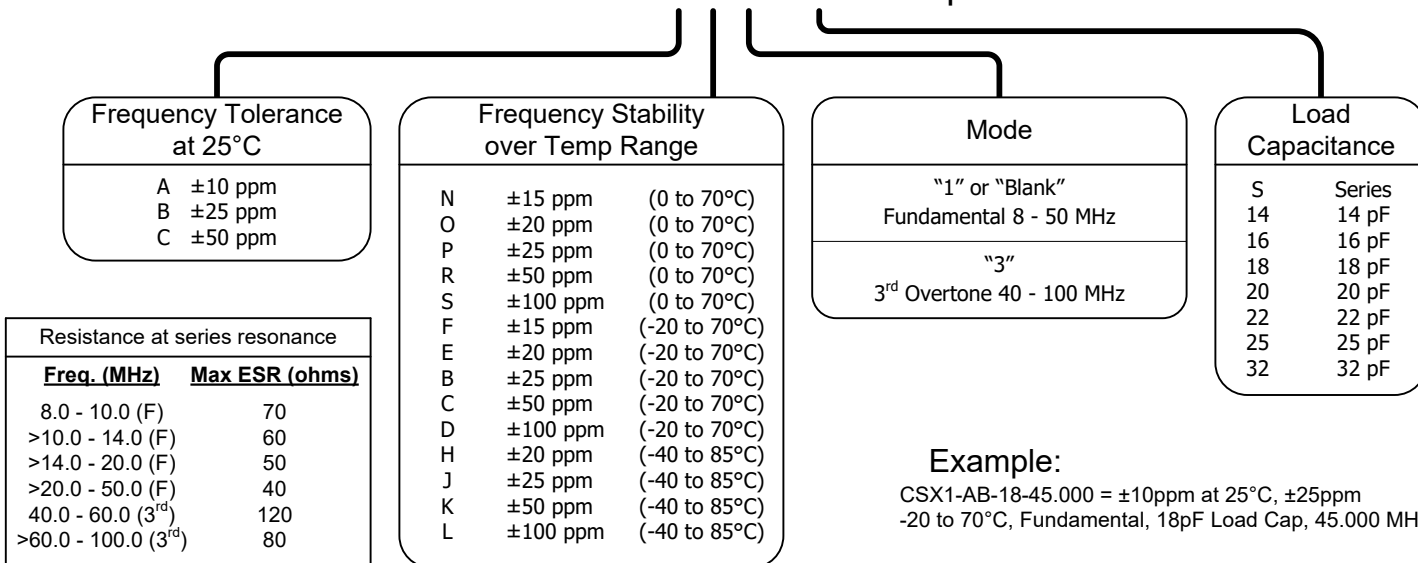


Table 1

Example:

CSX1-AB-18-45.000 = ±10ppm at 25°C, ±25ppm
-20 to 70°C, Fundamental, 18pF Load Cap, 45.000 MHz

Specifications subject to change without notice.

CSX1

Rev. K



CRYSTEK
CORPORATION

12730 COMMONWEALTH DRIVE • FORT MYERS, FLORIDA 33913
PHONE: 239-561-3311 • 800-237-3061
FAX: 239-561-1025 • WWW.CRYSTEK.COM

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Crystek:

[CSX1-CS-18-10.000](#) [CSX1-BJ-20-25.000](#) [CSX1-AE-20-8.000](#) [CSX1-AH-14-30.000](#)