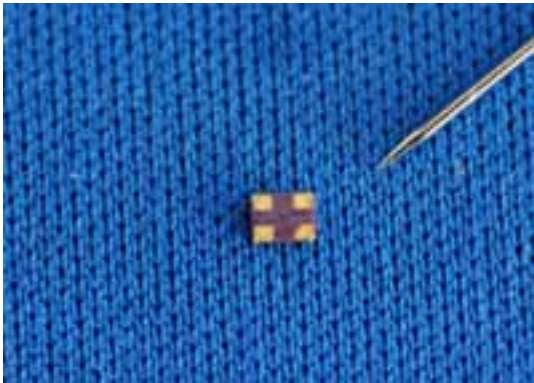


Ultra-Small, RoHS-Compliant Quartz Crystals with Wide Frequency and Operating Temperature Ranges



MMD Components introduced an ultra-miniature quartz crystal that has a wide frequency range of 16 MHz to 60 MHz and can operate in temperatures as low as -40°C and as high as +85°C. Measuring only 2 mm × 2.5 mm, with a maximum profile of just 0.55 mm, the X series crystals are hermetically sealed in a 4-pad ceramic package and delivered on tape and reel for easy pick and place. They can be used in any application where limited space is a key issue and a frequency reference is required, such as Bluetooth devices, PDAs, mobile phones and MP3 players. The crystals have a frequency tolerance/stability rate as high as ± 50 PPM/ ± 100 PPM; are RoHS compliant; and feature ruggedized construction for extreme vibration and shock applications, meeting MIL-STD-883 and MIL-STD-202 specifications. Availability is stock to 14 weeks, with prices starting at \$0.95 in 1K quantities.

MMD Components

949-753-5888, www.mmdcomp.com [1]

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Links:

[1] <http://www.mmdcomp.com/>