

Crystal Packaging Technology



Fox introduces a quartz crystal packaging technology that provides a cost reduction of up to 20% or more over conventional ceramic packaging, as well as eliminating the recurring problems of ceramic shortages. The FQ Series is initially offered in three package sizes, each available in 2 or 4 pad configurations: 10 × 4.5 mm (FQ1045), 5 × 7 mm (FQ7050) and 6 × 3.5 mm (FQ6035), with smaller sizes under development. The FQ Series is fully RoHS compliant and offers complete pad compatibility with existing ceramic packages. Suited for a wide range of crystal applications, including HDD, PDA, set-top boxes, security systems and more, the FQ Series offers low profile construction as well as weight savings over ceramic packages. Depending on the package size, the crystals are available in frequencies from 3.2 MHz to 49 MHz, with a 30 PPM tolerance at 25±176 C.

Fox Electronics

Source URL (retrieved on 02/01/2015 - 6:05pm):

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