

48-MHz basic sound frequency quartz crystal for USB touts inexpensive housing



Petermann-Technik announced SMD03025/4 series, a quartz crystal with a basic sound frequency of up to 60 MHz, which now comes with the most inexpensive mini-SMD ceramic housing on the market, according to the company, measuring 3.2 x 2.5 mm. The mini-SMD quartz crystals, which are produced in sterile conditions and are said to be preferred in the automotive industry, have a ceramic body with a welded Kovar cover. They can be used to inexpensively add frequency tolerances of ± 8 ppm with degradation of ± 1 ppm per year and can be delivered for temperature ranges between -40°C to $+125^{\circ}\text{C}$. For Bluetooth applications, the company can supply 48 MHz crystals with a standard load capacitance of 10, 12, 18 or 20 pF, or according to customer specs. The company asserts the AECQ200 standard is no problem at all for the crystal.

Petermann-Technik

00 49 (0) 81 91 / 30 53 95, www.petermann-technik.de [1]

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[1] <http://www.petermann-technik.de>

