

NEW JT75C, JT53C, JT32C and JT22C SMD TCXO with (H)CMOS output

Jauch announces a new TCXO series with (H)CMOS output signal:

The JTxxC are temperature compensated high stability oscillators with a frequency stability down to ± 2.5 ppm, and is offered in a frequency range from 4.0 MHz to 54.0 MHz.

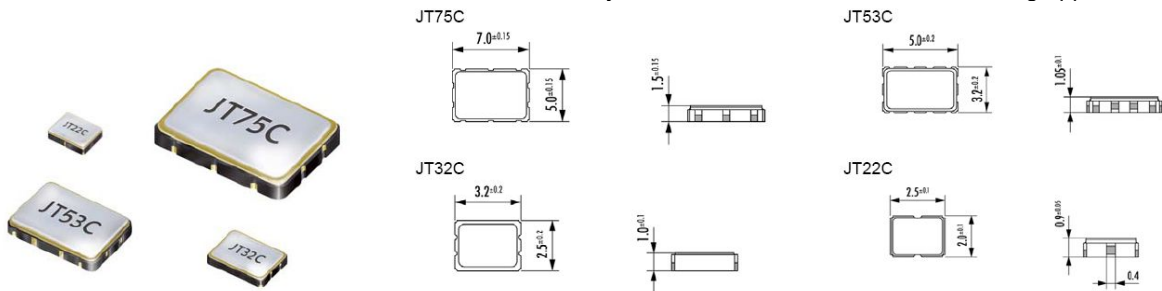
The JTxxC are available for the standard operating temperature range from -30°C to $+75^{\circ}\text{C}$ and also for the extended operating temperature range from -40°C to $+85^{\circ}\text{C}$.

The JTxxC series combines excellent frequency stability with an (H)CMOS output that can directly drive further (H)CMOS devices.

Board space and additional cost is saved, because no further buffer circuitry is required.

Due to its miniature and ultra-miniature size, the JTxxC series can be used in applications where board space is limited, but high frequency accuracy and a very low phase noise level is required.

This makes the JTxxC series suitable for mobile or stationary devices in wired or wireless networking applications.



Key-Features of the JTxxC series:

- very high frequency stability: ± 2.5 ppm
- excellent phase noise: -145dBc/Hz (at 10kHz offset)
- frequency range: 4.0 MHz ~ 54.0 MHz
- supply voltages: 1.8V / 2.5V / 2.8V / 3.3V
- operating temperature range: $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$ / $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- suitable for Lead-free soldering process at 260°C max
- standard miniature-packages: 7.0mm x 5.0mm x 1.5mm
5.0mm x 3.2mm x 1.5mm
3.2mm x 2.5mm x 1.0mm
2.5mm x 2.0mm x 0.9mm



- RoHS compliant

For more information, contact us to: bce@bce.it ; or browse into our website: www.bce.it

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B.C.E. S.r.l. - Via Regina Pacis, 54/c - I 41049 Sassuolo (MO), Italy

Tel: (+39) 0536 811616

Fax: (+39) 0536 811500

E-mail: bce@bce.it