

SMD TCXO / VCTCXO with CMOS output M32T / M53T / M572T

Features:

- The available frequency range.

Package Dimension L x W x H (mm)	Supply Voltage	Frequency Range
SMD 7.0x5.0x2.3	+3.3V, +5.0V	0.3 to 40 MHz
SMD 5.0x3.2x1.5	+3.3V	8 to 33 MHz
SMD 3.2x2.5x1.0	+3.3V	10 to 40 MHz

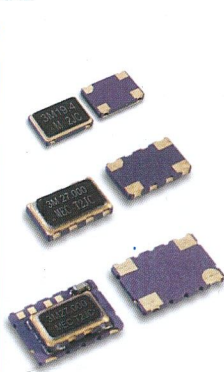
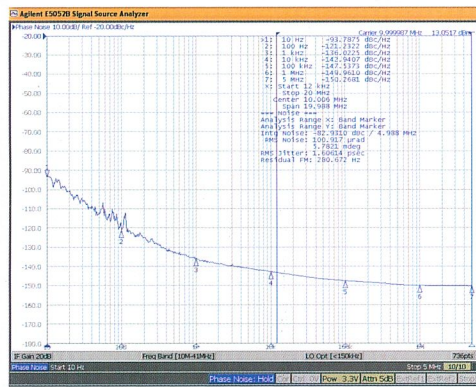
- Temperature Stability:

± 2.5 ppm/-30+85°C (standard), ± 1 ppm/-40+85°C (available)

- Phase Noise: (+3.3V, SMD 7050 size, 10 MHz)

-121 dBc/Hz @ 100 Hz, -136 dBc/Hz @ 1 KHz

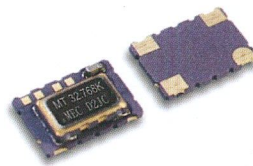
-143 dBc/Hz @ 10 kHz, -148 dBc/Hz @ 100 KHz



SMD TCXO / VCTCXO (32.768 KHz)

Features:

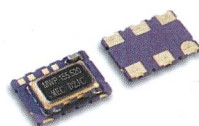
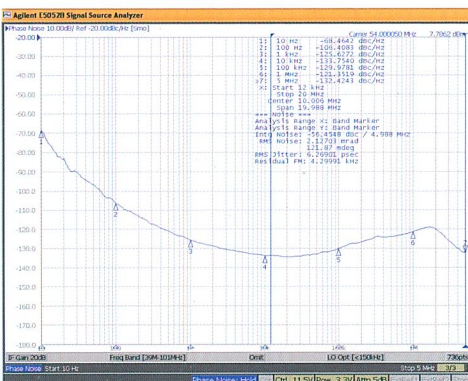
- Package Dimension:
SMD 7.0x5.0x2.5 (H) mm
- Temperature Stability: Standard: ± 2.5 ppm/-30+85°C
Available: ± 1 ppm/-40+85°C
- Supply Voltage: +3.3V
- Output type: CMOS, square
- Current consumption: 5 mA max.
- Frequency Range: 20 KHz to 53 KHz **(32.768 KHz)**



SMD 7x5 TCXO / VCTCXO CMOS / LVPECL / LVDS output (10 to 800 MHz)

Features:

- Available output: CMOS, LVPECL, LVDS
- Supply voltage: +3.3V
- Temperature Stability: Standard: ± 2.5 ppm/-30+85°C
Available: ± 1 ppm/-40+85°C
- Package dimension: SMD 7.0 x 5.0 x 2.3 (H) mm
- Frequency range: 10 MHz to 800 MHz
- Phase Noise (typical, +3.3V, LVPECL, 54 MHz)
-106 dBc/Hz @ 100 Hz, -125 dBc/Hz @ 1 KHz
-135 dBc/Hz @ 10 KHz, -130 dBc/Hz @ 100 KHz
- Quick turn service available for SMD 7.0x5.0 mm size with CMOS output up to 200 MHz.



SMD MCF (4 poles in one package)

Features:

- Package: SMD 7.0x5.0x1.3 (H) mm
- Frequency: 21.4 MHz, 21.7 MHz, 45 MHz (please contact with Mercury for other frequencies).
- 4 Poles in one SMD 7.0x5.0 package.

Frequency (MHz)	Model	Pass Band (@ 3 dB)	Stop Band
21.400	21MQ15B	± 7.5 KHz	± 25 KHz @ 40 dB
21.700	21.7MQ15B	± 7.5 KHz	± 25 KHz @ 40 dB
45.000	45MQ15B	± 7.5 KHz	± 25 KHz @ 30 dB
45.000	45MQ30B	± 15 KHz	± 20 KHz @ 30 dB

(for other specification, please contact with Mercury)

