



MEC

SPECIFICATION OF CRYSTAL OSCILLATOR

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www.mobicon.com

7/F., New Trend Centre, 704 Prince Edward Road East, San Po Kong, Kowloon, Hong Kong.

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CRYSTAL OSCILLATOR SPECIFICATION

FEATURE:

This crystal oscillator employs hybrid IC, crystal technology and designed to be used in CMOS logic family. This model has excellent duty cycle, great fan out capability, low power consumption, which is useful for a variety of application.

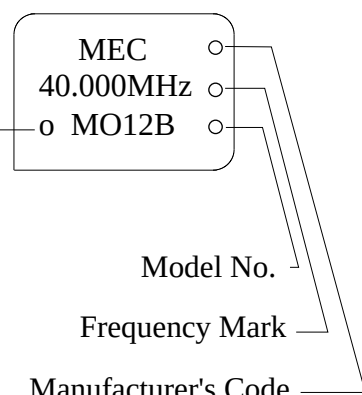
PART NO. :

MO12B-40MHzFS5V50ppm

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	40 MHz
2. Holder Type	Full Size / 14 Pins
3. Frequency Stability	± 50 ppm
4. Operating Current	30 -40 mA
5. Input Voltage	5V _{DC} $\pm$ 0.5V
6. "0" Level (Low Voltage)	0.5V (10% V _{DD})
7. "1" Level (High Voltage)	4.5V min. (90% V _{DD})
8. Rise and Fall Time	10ns max.
9. Operating Temperature	0°C ~ +70°C
10. Storage Temperature	-50°C ~ +125°C
11. Output Symmetry	40 ~ 60%
12. Output Load	10 LSTTL

Terminal '1' Indication



Model No.

Frequency Mark

Manufacturer's Code

OTHER CHARACTERISTICS

Stock	1000g
Humidity	50°C 95% RH 1000 hours
Weight	5 grams
Vibration	Amplitude 1mm Cycle 1 min., 3 directions, 2 hours each

Mechanical Dimensions (Unit = mm)

