

MEC

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. :

MO-12B

ELECTRICAL CHARACTERISTICS

1. Nominal Frequency	4.000 MHz
2. Holder Type	Full Size / 14 Pins
3. Frequency Stability	± 50 ppm
4. Input Current	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% at 1/2 V _{DD}
12. Output Load	15pF / 1 ~ 10 LSTTL

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)

