

# SPECIFICATIONS

MARK Sidel:YY WW TBITCUJ 10.0MHZ  Procedure:LASER
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## 1. GENERAL

- 1-1 Nominal Frequency : 10.000000 MHz
- 1-2 Storage Temperature : from -40 to +85 °C
- 1-3 Operable Temperature : from -40 to +70 °C

## 2. ELECTRICAL PERFORMANCE

- 2-1 Frequency Tolerance : -0.5 / +0.5 ppm at 25°C±3°C
- 2-2 Frequency Stability : a)-2 / +2 ppm  
from -40 to 70 °C
- 2-3 Supply Voltage : 5 V (4.85 / 5.15 V )  
: 0.3 / -0.3 ppm at 4.75 / 5.25 V
- 2-4 Supply Current : 15 mA max.
- 2-5 Transition Time : Rise Time 10 ns max.  
: Fall Time 10 ns max.
- 2-6 START TIME : 8 ms max.
- 2-7 Symmetry or Duty cycle : 45 / 55
- 2-8 Output Waveform : CMOS
- 2-9 Output Level : NA
- 2-10 Fanout : 15PF
- 2-11 Aging : +/-1PPM/YEAR
- 2-12 Phase noise : NA
- 2-13 Center Voltage : NA
- 2-14 Pulling range : NA
- 2-15 Control Voltage Range : 0 ~ 0 V
- 2-16 Control Voltage Bandwidth : NA
- 2-17 Linearity : NA
- 2-18 Modulation : Positive
- 2-19 Trimming range : HIGH +3 ~ +999 LOW -3 ~ -999
- 2-20 Tri-state : NC
- 2-21 Load at testing : +/-10%

## 3. MECHANICAL

- 3-1 Outline DRW# : M-B-02-N
- 3-2 Package Spec : NA

## 4. CUSTOMER SPECIAL REQUIREMENT

## 5. REMARK