



HCMOS TCXO IN 14 PIN DIP HERMETICALLY SEALED PACKAGE - TC2116-10M000-A001B2

FEATURES

- RoHS Compliant (Pb-Free)
- Frequency Stability: ± 0.1 ppm / -40°C to 85°C
- HCMOS/TTL Compatible, Low Phase Noise
- Hermetically Sealed Package, Industry de factor Standard Footprint

SPECIFICATIONS

| | |
|---|--|
| Frequency | 10.000 MHz |
| Supply Voltage (Vcc) | A = 5.0 VDC \pm 5% |
| Input Current | 30 mA Maximum |
| Storage Temperature | -55°C to 85°C |
| Frequency Stability vs Temp. Temperature Range | 001 = ± 0.1 ppm Ref to 25°C B = -40°C to 85°C |
| Frequency Stability vs Vcc | ± 0.2 ppm Maximum / $V_{cc} \pm 5\%$ |
| Frequency Stability vs Load | ± 0.2 ppm Maximum / ± 2 pF |
| Aging | ± 1 ppm Maximum per year @ 25°C |
| Aging in 10 Years | ± 3 ppm Maximum @ 25°C |
| Initial Tolerance | ± 1 ppm Maximum @ 25°C |
| Phase Noise | -140 dBc/Hz at 1KHz |
| Output Load | 15 pF HCMOS Maximum |
| Logic "1" / Logic "0" Level | 0.9Vcc Minimum / 0.1Vcc Maximum |
| Rise/Fall Time (Tr/Tf) | 5 ns Maximum |
| Duty Cycle | 2 = No tristate 55/45% |

OUTLINE DRAWING

