



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

