



CSO

Ceramic SMD Package

Parameters / Specifications

| Parameters | | Specifications | |
|---------------------------------|----------------------|-----------------------------------|--------------------|
| Supply Voltage | | 5.0Vdc \pm 10% | 3.3Vdc \pm 10% |
| Frequency Range | | 1.000 ~ 106.250MHz | 1.000 ~ 125.000MHz |
| Operating Temperature Range | | 0°C ~ +70°C (STD), -40°C ~ +85°C | |
| Frequency Tolerance / Stability | | \pm 20, 25, 50, 100ppm | |
| Storage Temperature | | -55°C ~ +125°C | |
| Input Current | 1.000 ~ 34.999MHz | 20mA Max. | 16mA Max. |
| | 35.000 ~ 60.000MHz | 40mA Max. | 25mA Max. |
| | 60.001 ~ 99.999MHz | 60mA Max. | 40mA Max. |
| | 100.000 ~ 125.000MHz | 80mA Max. | 50mA Max. |
| Load Drive Capability | | 10TTL or 15pF(50pF) HCMOS Load | |
| Output Voltage Logic High (VoH) | w/TTL Load | 2.4Vdc Min. | |
| | w/HCMOS Load | 90% of Vdd Min. | |
| Output Voltage Logic Low (VoL) | w/TTL Load | 0.4Vdc Max. | |
| | w/HCMOS Load | 10% of Vdd Max. | |
| Duty Cycle | | 50 \pm 10%(STD), 50 \pm 5% | |
| Rise / Fall Time | 1.000 ~ 34.999MHz | 10nsec Max. | |
| | 35.000 ~ 99.999MHz | 5nsec Max. | |
| | 100.000 ~ 125.000MHz | 2.5nsec Max. | |
| Aging @+25°C | | \pm 3, \pm 5ppm Max. per year | |
| Start up Time | | 10msec Max. | |
| Period Jitter (Absolute) | | \pm 100ps Max. | |
| Period Jitter (One Sigma) | | \pm 25ps Max. | |

Mechanical Dimensions

