



MOF / MOH

Metal Welded Package

Parameters / Specifications

| Parameters | | Specifications | |
|---------------------------------|---------------------|----------------------------------|------------------|
| Supply Voltage | | 5.0Vdc \pm 5% | 3.3Vdc \pm 10% |
| Frequency Range | | 1.000 ~ 125.000MHz | |
| Operating Temperature Range | | 0°C ~ +70°C (STD), -40°C ~ +85°C | |
| Frequency Tolerance / Stability | | \pm 25, 50, 100ppm | |
| Storage Temperature Range | | -55°C ~ +125°C | |
| Input Current | 1.000 ~ 20.000MHz | 20mA Max. | 15mA Max. |
| | 20.001 ~ 40.000MHz | 30mA Max. | 25mA Max. |
| | 40.001 ~ 80.000MHz | 40mA Max. | 35mA Max. |
| | 80.001 ~ 125.000MHz | 50mA Max. | 45mA Max. |
| Load Drive Capability | | 10TTL or 15pF 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 ~ 20.000MHz | 10nsec Max. | |
| | 20.001 ~ 70.000MHz | 6nsec Max. | |
| | 70.001 ~ 125.000MHz | 4nsec Max. | |
| Aging @ +25°C | | \pm 5ppm Max. per year | |
| Start up Time | | 10msec Max. | |
| Period Jitter (Absolute) | | \pm 100ps Max. | |
| Period (One Sigma) | | \pm 25ps Max. | |

*PECL(MOF type) is available (7.000 ~ 155.520MHz)

Mechanical Dimensions

