

Features

- .12.9×12.9×5.3mm.
- .Hybrid IC Circuit Construction.
- .CMOS compatible output.
- .5V and 3.3V supply model available.
- .All metal, hermetically sealed welded package.
- .High precision characteristic covering to high frequency range.



Electrical Specifications

| Item/Type | DVHO | | |
|-------------------------------------|---|-----------|-----------|
| Output Type | TTL/CMOS | CMOS | |
| Output Load | 10TTL / 15pF /50pF | 15pF | |
| Oscillation Mode | Fundamental / 3rd Overtone | | |
| Supply Voltage | 5V | 3.3 V | |
| Frequency Range | 0.25 ~ 180 MHz | | |
| Frequency Stability | ± 25 ppm , ± 50 ppm, or specify | | |
| Operating Temperature Range | - 20 ~ + 70°C , - 40 ~ + 85 °C , or specify | | |
| Storage Temperature Range | - 55 ~ + 125°C | | |
| Voltage Vol (Max.) / Voh (Min.) | 0.4V /2.4V (TTL) ; 0.1 VDD / 0.9 VDD (CMOS) | | |
| Rise (Tr) / Fall (Tf) Time | 5ns Max. | | |
| Supply Current | 0.25MHz~24.000MHz | 15 mA Max | 10 mA Max |
| | 24.000MHz~80.000MHz | 35 mA Max | 20 mA Max |
| | 80.000MHz~180.000MHz | 45 mA Max | 30 mA Max |
| Symmetry | 45 ~ 55 % | | |
| Start-up Time | 10 ms Max | | |
| Aging (at 25 °C) | ±3 ppm / year Max | | |

Dimensions

Top View

Side View

Bottom View

PAD FUNCTION

- 1-CONTROL VOLTAGE
- 2-GND
- 3-OUT
- 4-VDD (3.3V/5V)

Units: mm