



MV1 / MV2

Metal Can DIP Package

Parameters / Specifications

Parameters		Specifications
Supply Voltage		5.0Vdc \pm 5% 3.3Vdc \pm 5%
Frequency Range		1.000 ~ 60.000MHz
Operating Temperature Range		0°C ~ +70°C (STD), -40°C ~ +85°C
Frequency Tolerance / Stability		\pm 10, 20, 25, 50ppm
Storage Temperature Range		-40°C ~ +85°C
Frequency Deviation	2.5Vdc \pm 2.0Vdc	\pm 10, 30, 50, 100ppm Min.
	2.5Vdc \pm 2.5Vdc	\pm 10, 30, 50, 100, 150ppm Min.
	1.65Vdc \pm 1.65Vdc	\pm 10, 30, 50, 100, 150ppm Min.
Input Current	1.000 ~ 20.000MHz	20mA Max.
	20.001 ~ 40.000MHz	30mA Max.
	40.001 ~ 60.000MHz	40mA Max.
	60.001 ~ 100.000MHz	50mA Max.
Load Drive Capacitance		10TTL or 15pF HCMOS Load
Linearity		\pm 20, 15, 10, 5% (Option)
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		5nsec Max.
Aging @+25°C		\pm 3ppm Max. per year
Start up Time		10msec Max.
Period Jitter (Absolute)	\leq 60.000MHz	\pm 100ps Max.
	$>$ 40.000MHz	\pm 200ps Max.
Period (One Sigma)	\leq 60.000MHz	\pm 25ps Max.
	$>$ 40.000MHz	\pm 50ps Max.

*MV2 : Sinewave is available.

Mechanical Dimensions

