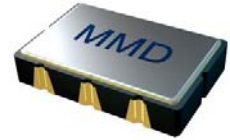


MVIP, MVIL, and MVIV Series



- MIL-STD-883 Level B Screening Available
- Available to -55°C to + 125°C Operating
- RoHS Compliant
- Less than 1 pSec Jitter



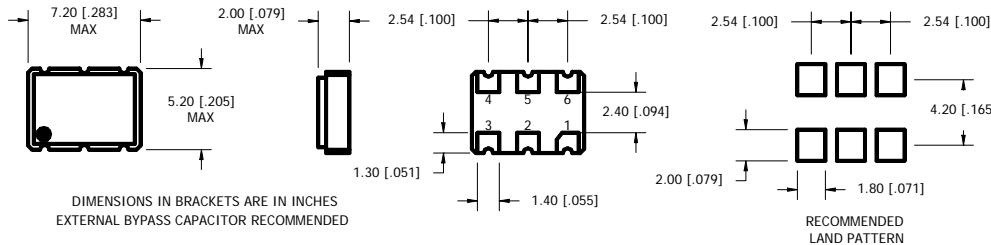
ELECTRICAL SPECIFICATIONS:

	LVDS	LVPECL	PECL
Frequency Range	70.000MHz to 800.000MHz		
Frequency Stability*	(See Part Number Guide for Options)		
Operating Temp. Range	(See Part Number Guide for Options)		
Storage Temp. Range	-55°C to +125°C		
Aging	±5 ppm / yr max		
Logic "0"	1.43V typ	Vdd - 1.620 VDC max	Vdd - 1.620 VDC max
Logic "1"	1.10V typ	Vdd- 1.025 vdc min	Vdd- 1.025 vdc min
Supply Voltage (Vdd)	+2.5VDC ± 5%	50 mA max	50 mA max
Supply Current	+3.3VDC ± 5%	60 mA max	60 mA max
	+5.0VDC ± 5%	N/A	N/A
Symmetry (50% of waveform)	(See Part Number Guide for Options)		
Rise / Fall Time (20% to 80%)	2nSec max		
Load	50 Ohms into Vdd-2.00 VDC		
Start Time	10mSec max		
Phase Jitter (12kHz to 20MHz)	Less than 1 pSec		
Tri-State Operation	Vih = 70% of Vdd min to Enable Output Vil = 30% max or grounded to Disable Output (High Impedance)		

* Inclusive of Temp., Load, Voltage and Aging

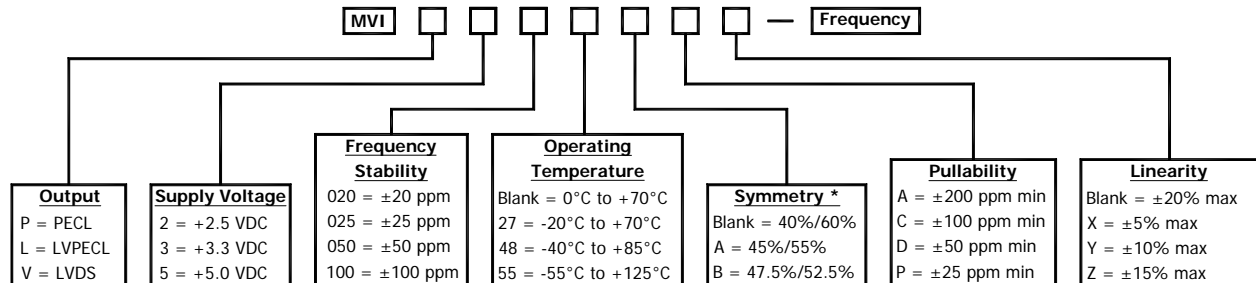
Control Voltage (Vc)	+2.5VDC	1.25VDC ±1.00VDC	1.25VDC ±1.00VDC	N/A
	+3.3VDC	1.65VDC ±1.50VDC	1.65VDC ±1.50VDC	N/A
	+5.0VDC	N/A	N/A	2.50VDC ±2.00VDC
Pullability	(See Part Number Guide for Options)			
Linearity	(See Part Number Guide for Options)			

MECHANICAL DIMENSIONS:



PIN CONNECTIONS	
PIN 1	VOLTAGE CONTROL
PIN 2	ENABLE/DISABLE
PIN 3	GROUND
PIN 4	OUTPUT
PIN 5	COMPLIMENTARY OUTPUT
PIN 6	SUPPLY VOLTAGE

PART NUMBER GUIDE:



*Option B (47.5%/52.5%) Available up to 500MHZ only
Please Consult with MMD Sales Department for any other Parameters or Options

MMD Components, 30400 Esperanza, Rancho Santa Margarita, CA, 92688
Phone: (949) 709-5075, Fax: (949) 709-3536, www.mmdcomp.com
Sales@mmdcomp.com