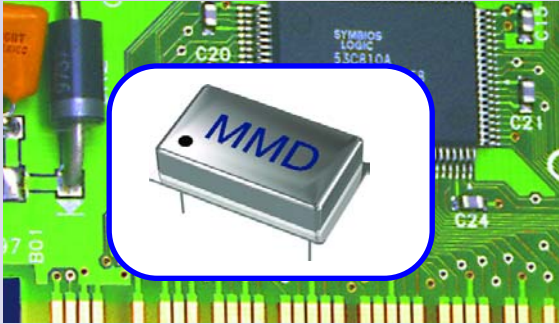


MAP Series

Full-Size (14 pin DIP)

MMD
COMPONENTS



- **Industry Standard Package**
- **5.0 or 3.3 Volt**
- **ECL, PECL or LVPECL Output**
- **Stability to $\pm 20\text{ppm}$**
- **Wide Frequency Range**

Electrical Specifications

Frequency Range		10.000MHz to 200.000MHz
Frequency Stability (Inclusive of Temperature, Load, Voltage and Aging)		$\pm 100\text{ppm}$ to $\pm 20\text{ppm}$
Operating Temperature Range		0°C - 70°C to -40°C - 85°C
Storage Temperature Range		-55°C - 125°C
Supply Voltage (Vdd)		5.0Vdc $\pm 5\%$ or 3.3Vdc $\pm 5\%$
Supply Current		140mA max.
Output Voltage	Logic "0"	Vdd - 1.5Vdc max.
	Logic "1"	Vdd - 1.2Vdc min.
Duty Cycle	50% of waveform	40%/60% max. or 45%/55% max.
Load Drive Capability		50 Ohms into Vdd - 2.0Vdc
Rise / Fall Time	20% to 80% of waveform	2nSec max.
Start Up Time		10mSec max.

Notes



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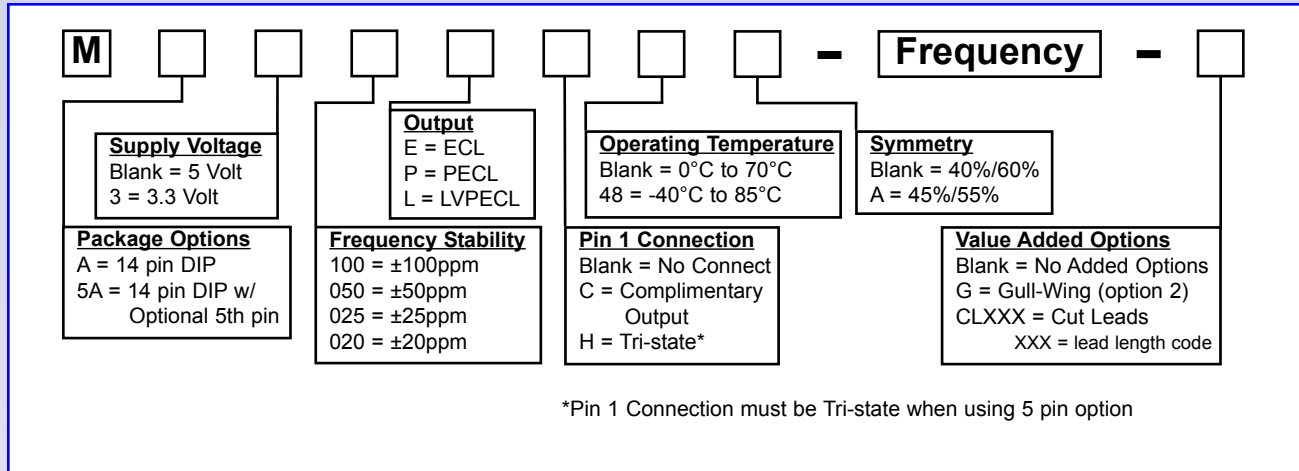
phone: 949-709-5075 / fax: 949-709-3536

OS06

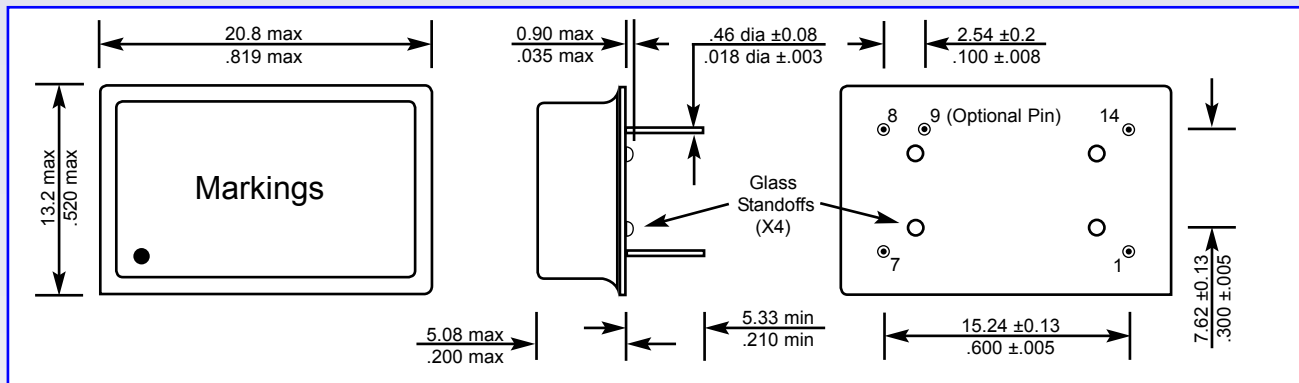
Specifications subject to change without notice

Revision: 3/29/04 E

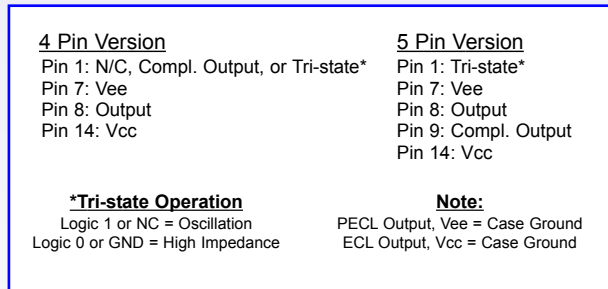
Part Numbering Guide



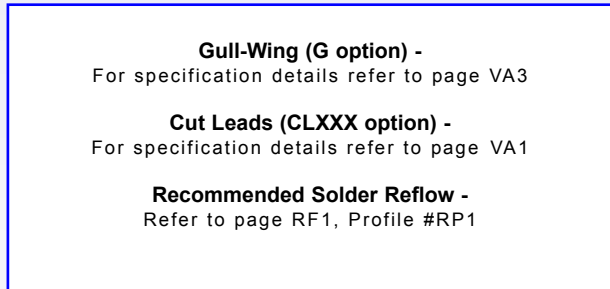
Mechanical Dimensions



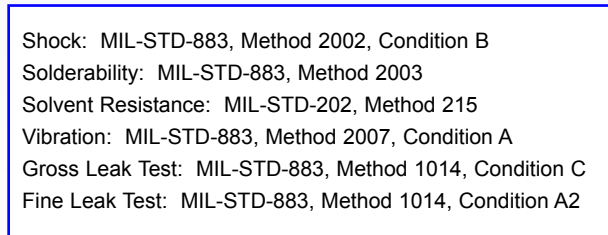
Pin Connections



Value Added and Reference Information



Environmental / Mechanical



Markings

