# **MAH Series**



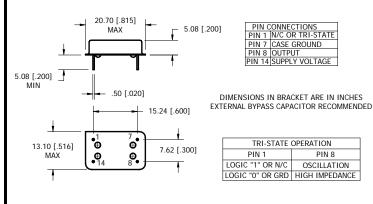
- Industry Standard Package
- > RoHS Compliant Available
- > HCMOS Output
- Wide Frequency Range



## **ELECTRICAL SPECIFICATIONS:**

	-	F 00		
Frequency Range		5.000kHZ to 200.000MHz		
Frequency Stability (Inclusive		See Part Number Guide		
of Temperature, Load, Voltage and Aging)				
Operating Temperature		See Part Number Guide		
Storage Temperature		-55°C to +125°C		
Waveform		HCMOS		
Logic "0"		10% Vdd max		
Logic "1"		90% Vdd min		
Duty Cycle 50% OF Waveform		See Part Number Guide		
Load		10 TTL Gates or 50pF max		
Start Up Time		10mSec max		
Rise/Fall Time				
Up to 70.000MHZ	6 nSec max			
Above 70.000MHZ		4 nSec max		
Supply Voltage (VDC ±10%) - Supply Current (in mA max)				mA max)
	+	5.0	+3.3	+2.5/+1.8
5.000kHz to 1.000MHz	,	35	10	NA
1.001MHz to 24.000MHz	4	45	25	NA
24.001MHz to 50.000MHz	ļ	55	35	NA
50.001MHz to 70.000MHz	(	60	35	NA
70.001MHZ to 200.000MHZ		85	40	NA
24.000MHz to 30.000MHz	1	NA	NA	20
30.001MHz to 80.000MHz	1	NA	NA	40

### **MECHANICAL DETAILS:**



#### **MARKING:**

Line 2: SYYMML

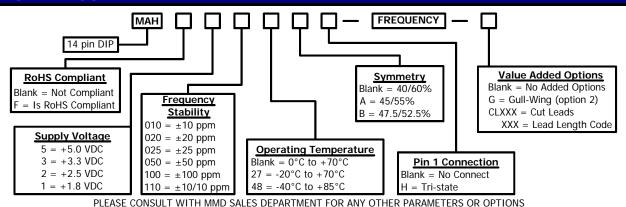
S = Internal Code

YYMM = Date Code (Year/Month)

L = Denotes RoHS Compliant

Line 3: XXXXX Internal Manufacture Code

### **PART NUMBER GUIDE:**



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