

MBH Series



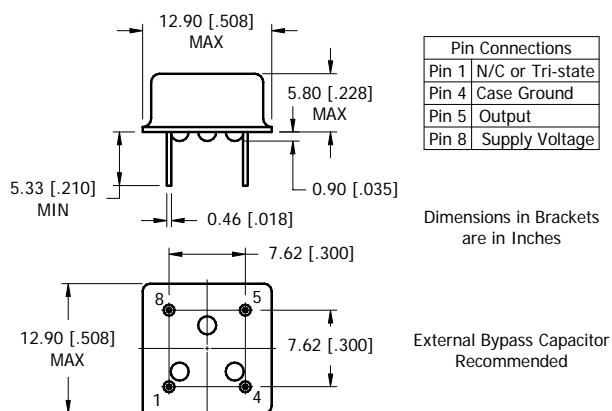
- Industry Standard Package
- RoHS Compliant Available
- Tri-state Function
- Wide Frequency Range



ELECTRICAL SPECIFICATIONS:

Frequency Range	20.000kHz to 200.000MHz
Frequency Stability (Inclusive of Temperature, Load, Voltage and Aging)	See Part Number Guide
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	See Part Number Guide
Load	10 TTL Gates or 50pF max
Start Up Time	10mSec max
Rise/Fall Time	
Up to 24.000MHz	10 nSec max
24.001MHz to 70.000MHz	6 nSec max
70.001MHz to 100.000MHz	4 nSec max
100.001MHz to 200.000MHz	2 nSec max
Supply Voltage (VDC \pm10%) – Supply Current (in mA max)	
	+5.0 +3.3 +2.5/+1.8
20.000kHz to 24.000MHz	20 10 NA
24.001MHz to 50.000MHz	30 20 NA
50.001MHz to 70.000MHz	50 25 NA
70.001MHz to 200.000MHz	60 35 NA
24.000MHz to 30.000MHz	NA NA 20
30.001MHz to 80.000MHz	NA NA 40

MECHANICAL DETAILS:



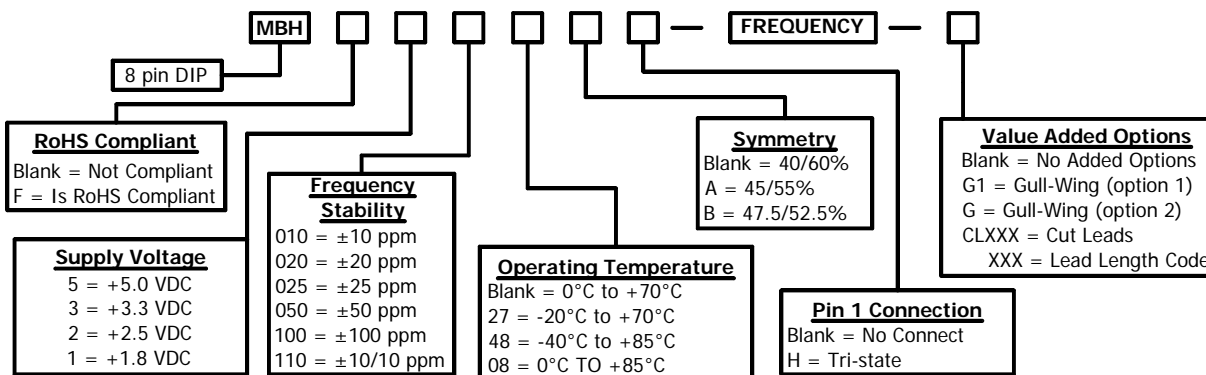
MARKING:

Line 1: MXX.XXX
XX.XXX = Frequency in MHz

Line 2: SYYYML
S = Internal Code
YYMM = Date Code (Year/Month)
L = Denotes RoHS Compliant

Line 3: XXXXX
Internal Manufacture Code

PART NUMBER GUIDE:



PLEASE CONSULT WITH MMD SALES DEPARTMENT FOR ANY OTHER PARAMETERS OR OPTIONS

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