

# CRYSTAL OSCILLATOR

LIHOM XTALS XTAL/OSC

LIHOM P/N : BMS-203R

## FEATURES

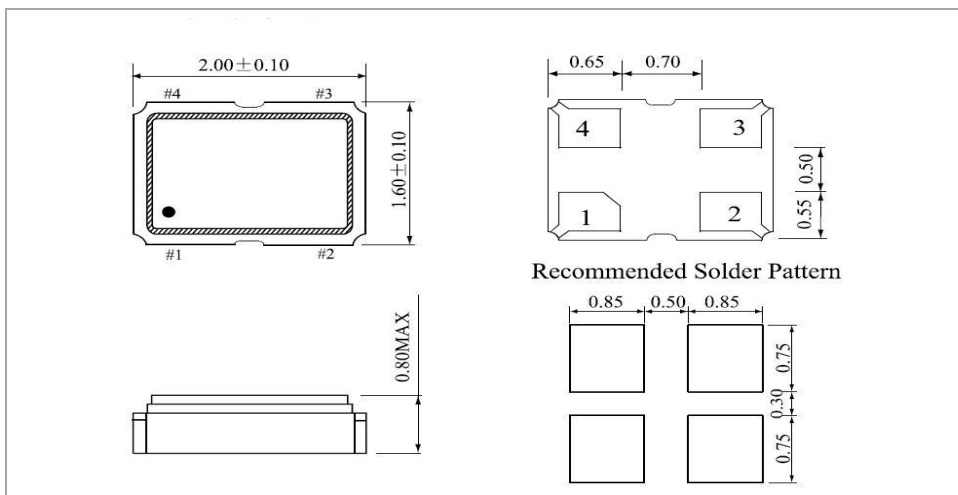
- DIMENSION (mm) : 2.00 X 1.60 X 0.80
- CERAMIC PACKAGE
- SEAM SEALING
- RoHS COMPLIANT



## SPECIFICATIONS

Item	Conditions	Specifications			
1	HOLDER TYPE	BMS-203R	2.0X1.6mm		
2	POWER SUPPLY VOLTAGE	V	1.8±10%	2.5±10%	3.3±10%
3	FREQUENCY RANGE	MHz	1 ~ 60MHz	1 ~ 60MHz	1 ~ 60MHz
4	FREQUENCY STABILITY	PPM	±25ppm ~ ±100ppm		
5	OPERATING TEMPERATURE RANGE	°C	-40 ~ +85 °C		
6	STORAGE TEMPERATURE RANGE	°C	-55 ~ +125 °C		
7	OUTPUT LEVEL		CMOS		
8	OUTPUT LOAD	pF	15pF		
9	OUTPUT VOLTAGE LEVEL		VoL : 10%Vdd Max / VoH : 90%Vdd Min		
10	CURRENT CONSUMPTION	1 ~ 35MHz	10mA	10mA	10mA
		36 ~ 60MHz	25mA	30mA	35mA
11	RISE / FALL TIME	10% ~ 90%Vdd	6nS		
12	SYMMETRY	AT 1/2Vdd	45/55%		
13	TRI-STATE FUNCTION		#1:"High(open)"->Output enable / #1:"Low"->Output disable		
14	PHASE JITTER	RMS	<1.0pS RMS		
15	AGING/YEAR	PPM	<±3ppm		

## DIMENSION



TERMINAL	CONNECTION
#1	TRI-STATE
#2	GND
#3	OUTPUT
#4	Vdd