

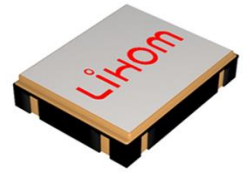
CRYSTAL OSCILLATOR

LiHOM XTAL/OSC
XTALS

LIHOM P/N : BMS-533R

FEATURES

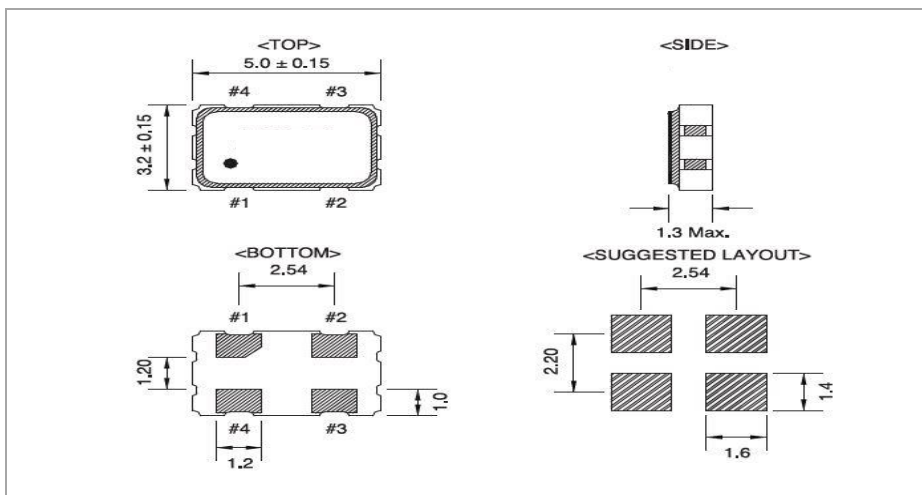
- DIMENSION (mm) : 5.00 X 3.20 X 1.30
- CERAMIC PACKAGE
- SEAM SEALING
- ROHS COMPLIANT



SPECIFICATIONS

Item	Conditions	Specifications				
1	HOLDER TYPE	BMS-533R	5.0X3.2mm			
2	POWER SUPPLY VOLTAGE	V	1.8±10%	2.5±10%	3.3±10%	5.0±10%
3	FREQUENCY RANGE	MHz	1 ~ 133MHz	1 ~ 133MHz	1 ~ 133MHz	1 ~ 100MHz
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 ~ 50MHz	20mA	20mA	20mA	30mA
		51 ~ 125MHz	30mA	30mA	35mA	40mA
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