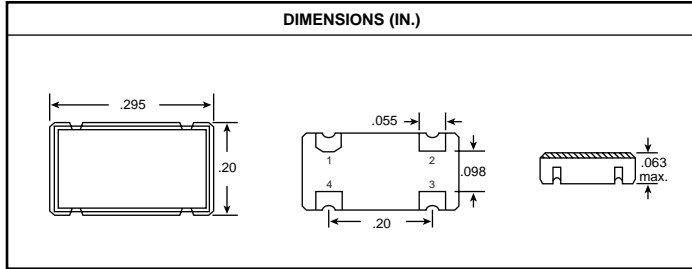


# VISHAY Clock Oscillators

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## VISHAY SMD 3.0V (HCMOS/TTL)

◆ Surface Mount Device



### Specifications:

- Frequency tolerance: 100ppm
- Operating temperature: 0°C to +70°C
- Input voltage: +3.3V / ±0.5V
- Symmetry: 1.5 to 7.999 MHz 48/52
- 8.0 to 40.000 MHz 45/55
- 40.001 to 70.0MHz 40/60

Pin	Connection
1	N.C.
2	Ground
3	Output
4	+3.3VDC

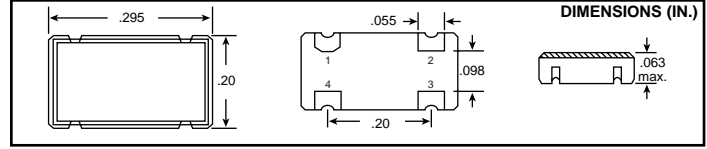
### XOSM573BE Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
73-XOSM573BE184	1.843200	15	8	4.56	4.15	3.77
73-XOSM573BE1000	10.000000	25	8	4.56	4.15	3.77
73-XOSM573BE1431	14.318180	25	8	4.56	4.15	3.77
73-XOSM573BE1600	16.000000	25	8	4.56	4.15	3.77
73-XOSM573BE2000	20.000000	25	8	4.56	4.15	3.77
73-XOSM573BE2500	25.000000	25	8	4.56	4.15	3.77
73-XOSM573BE3200	32.000000	25	8	4.56	4.15	3.77
73-XOSM573BE4000	40.000000	25	8	4.56	4.15	3.77
73-XOSM573BE5000	50.000000	50	8	4.56	4.15	3.77

## VISHAY SMD 5.0V (HCMOS/TTL)

◆ Surface Mount Device



### Specifications:

- Frequency tolerance: 100ppm
- Operating temperature: 0°C to +70°C
- Input voltage: +5.0V / ±0.5V
- Symmetry: 1.5 to 7.999 MHz 48/52
- 8.0 to 40.000 MHz 45/55
- 40.001 to 70.0MHz 40/60

Pin	Connection
1	N.C.
2	Ground
3	Output
4	+5VDC

### XOSM57BE Series

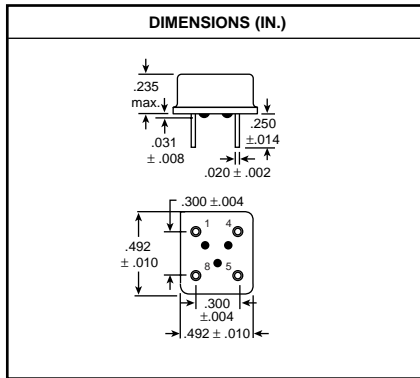
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
73-XOSM57BE184	1.843200	15	8	4.56	4.15	3.77
73-XOSM57BE368	3.686400	15	8	4.56	4.15	3.77
73-XOSM57BE400	4.000000	15	8	4.56	4.15	3.77
73-XOSM57BE491	4.915200	15	8	4.56	4.15	3.77
73-XOSM57BE500	5.000000	15	8	4.56	4.15	3.77
73-XOSM57BE737	7.372800	15	8	4.56	4.15	3.77
73-XOSM57BE800	8.000000	25	8	4.56	4.15	3.77
73-XOSM57BE1200	12.000000	25	8	4.56	4.15	3.77
73-XOSM57BE1431	14.318180	25	8	4.56	4.15	3.77
73-XOSM57BE1600	16.000000	25	8	4.56	4.15	3.77
73-XOSM57BE2000	20.000000	25	8	4.56	4.15	3.77
73-XOSM57BE2400	24.000000	25	8	4.56	4.15	3.77
73-XOSM57BE2500	25.000000	25	8	4.56	4.15	3.77
73-XOSM57BE3200	32.000000	25	8	4.56	4.15	3.77
73-XOSM57BE4000	40.000000	25	8	4.56	4.15	3.77
73-XOSM57BE5000	50.000000	50	8	4.56	4.15	3.77

## VISHAY HALF SIZE 5.0V (HCMOS)

### Specifications:

- Frequency tolerance: 100ppm
- Operating temperature: 0°C to +70°C
- Input voltage: +5V / ±0.5V
- Symmetry: 1.0 to 7.999 MHz 48/52
- 8.0 to 50.000MHz 45/55



Pin	Connection
1	N.C.
4	Ground
5	Output
8	+5VDC

### XO52B Series

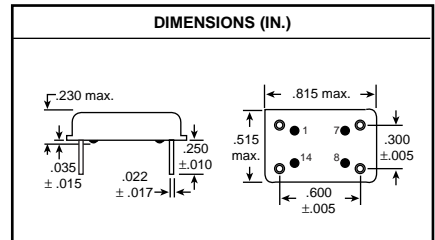
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
73-XO52B100	1.000000	15	10	2.24	2.04	1.85
73-XO52B184	1.843200	15	10	2.24	2.04	1.85
73-XO52B245	2.457600	15	10	2.24	2.04	1.85
73-XO52B368	3.686400	15	10	2.24	2.04	1.85
73-XO52B400	4.000000	15	10	2.24	2.04	1.85
73-XO52B491	4.915200	15	10	2.24	2.04	1.85
73-XO52B500	5.000000	15	10	2.24	2.04	1.85
73-XO52B800	8.000000	25	10	2.24	2.04	1.85
73-XO52B1000	10.000000	25	10	2.24	2.04	1.85
73-XO52B1200	12.000000	25	10	2.24	2.04	1.85
73-XO52B1431	14.318180	25	10	2.24	2.04	1.85
73-XO52B1600	16.000000	25	10	2.24	2.04	1.85
73-XO52B2000	20.000000	25	10	2.24	2.04	1.85
73-XO52B2400	24.000000	25	10	2.24	2.04	1.85
73-XO52B2500	25.000000	25	10	2.24	2.04	1.85
73-XO52B3200	32.000000	25	10	2.24	2.04	1.85
73-XO52B4000	40.000000	25	10	2.24	2.04	1.85
73-XO52B5000	50.000000	25	10	2.24	2.04	1.85

## VISHAY FULL SIZE 5.0V (HCMOS)

### Specifications:

- Frequency tolerance: 100ppm
- Operating temperature: 0°C to +70°C
- Input voltage: +5V / ±0.5V
- Symmetry: 1.0 to 7.999 MHz 48/52
- 8.0 to 50.000MHz 45/55



Pin	Connection
1	N.C.
7	Ground
8	Output
14	+5VDC

### XO54B Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
73-XO54B100	1.000000	15	10	2.24	2.04	1.85
73-XO54B184	1.843200	15	10	2.24	2.04	1.85
73-XO54B368	3.686400	15	10	2.24	2.04	1.85
73-XO54B400	4.000000	15	10	2.24	2.04	1.85
73-XO54B800	8.000000	20	10	2.24	2.04	1.85
73-XO54B1600	16.000000	20	10	2.24	2.04	1.85
73-XO54B2000	20.000000	20	10	2.24	2.04	1.85
73-XO54B2400	24.000000	20	10	2.24	2.04	1.85
73-XO54B2500	25.000000	20	10	2.24	2.04	1.85
73-XO54B3200	32.000000	20	10	2.24	2.04	1.85
73-XO54B4000	40.000000	20	10	2.24	2.04	1.85
73-XO54B5000	50.000000	20	10	2.24	2.04	1.85

### XO53B Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Frequency (MHz)	Input Current (Max.) mA	Rise/Fall Time (Max.) nS	Price Each		
				1	10	100
73-XO53B100	1.000000	10	5	2.24	2.04	1.85
73-XO53B491	4.915200	10	5	2.24	2.04	1.85
73-XO53B500	5.000000	10	5	2.24	2.04	1.85
73-XO53B737	7.372800	10	5	2.24	2.04	1.85
73-XO53B983	9.830400	20	5	2.24	2.04	1.85
73-XO53B1000	10.000000	20	5	2.24	2.04	1.85
73-XO53B1105	11.059200	20	5	2.24	2.04	1.85
73-XO53B4000	40.000000	20	5	2.24	2.04	1.85

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