

Ceramic Surface Mount

- Lowest maximum drive level available
- Widest frequency range
- Very tight stabilities

Series **CX5**



Part Numbering Example: **CX5 Z - A1 - B2 - C2 60 - 10.0 D18 - 3**

CX5	Z	A1*	B2	C2	60	10.0	D18	- 3
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	RESISTANCE	FREQUENCY	LOAD CAP.	OVERTONE
CX5	BLANK = BULK PACK Z = TAPE AND REEL	A0 = -10°C ~ +60°C A1 = -10°C ~ +70°C A2 = -40°C ~ +85°C	B1 = ±100 B2 = ± 50 B3 = ± 30 B4 = ± 10	C1 = ±100 C2 = ± 50 C3 = ± 30 C4 = ± 10	SEE CHART BELOW		D16,18,20,ETC. DS = SERIES	BLANK: FUND. -3: 3rd OT

*NOTE: The above ABC combinations cover basic specification options. We tailor our crystal specifications to meet customer requirements. Please contact our sales department if you don't see exactly what you need.

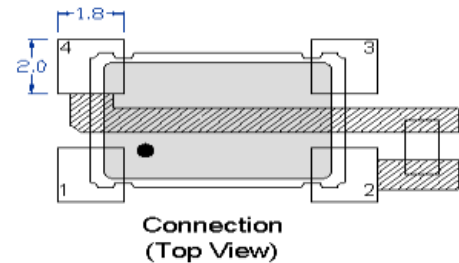
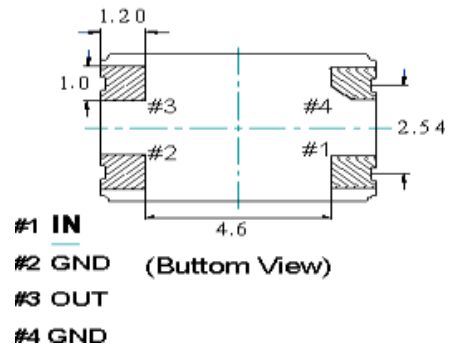
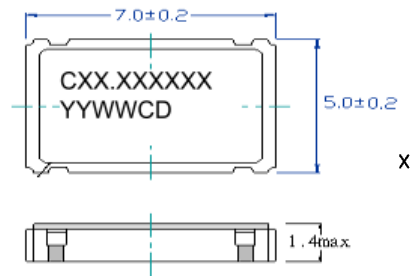
Specifications:

Frequency Range:

7.3728MHZ~48.000MHZ

Operating Temperature:	0°C ~ +70°C -40°C ~ +85°C	<i>Standard</i>
Frequency Stability:	± 50 ppm Stabilities from ± 5 ppm available.	<i>Standard</i>
Frequency Tolerance: (at 25°C)	± 50 ppm Tolerances from ± 10 ppm available.	<i>Standard</i>
Load Capacitance:	Parallel or series. Please specify your required load.	
Resistance:	Maximum resistance corresponds to frequency. See chart below.	
Standard:	Shunt Capacitance: 7 pF Max Aging: ± 3 ppm first year Drive Level: 50 µW Max Packaging: Tape and Reel (1K per Reel)	

CX5



Resistance Chart: All resistances are maximum

EQUIVALENT SERIES RESISTANCE (ESR), MODE OF OPERATION (MODE), AND CUT					
Frequency MHz	ESR(Ω)	Mode/cut	Frequency MHz	ESR(Ω)	Mode/cut
7.3728~9.0000	45 Max	Fund./AT	20.000~30.0000	25 Max	Fund/AT
9.0000~13.0000	40 Max	Fund./AT	30.000~36.0000	25 Max	Fund/AT
13.000~16.0000	35 Max	Fund./AT	30.000~36.0000	80 Max	3rd OT
16.000~20.0000	30 Max	Fund/AT	36.000~48.0000	80 Max	3rd OT