

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.*

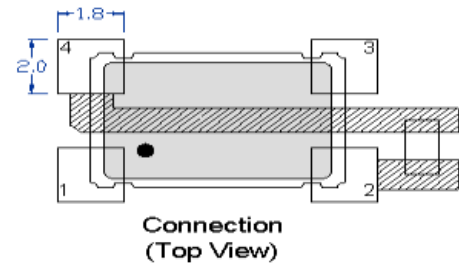
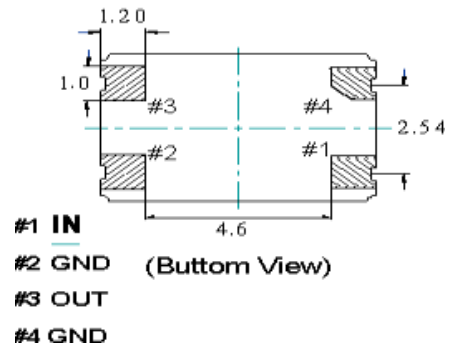
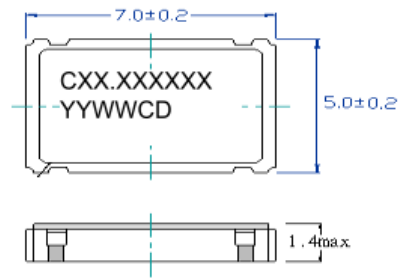
Specifications:

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