

Ceramic Surface Mount Crystal

• Small overall package dimensions

Series **CX425**



Part Numbering Example: CX425 Z - A5 B3 C3 - 80 - 12.0 D10

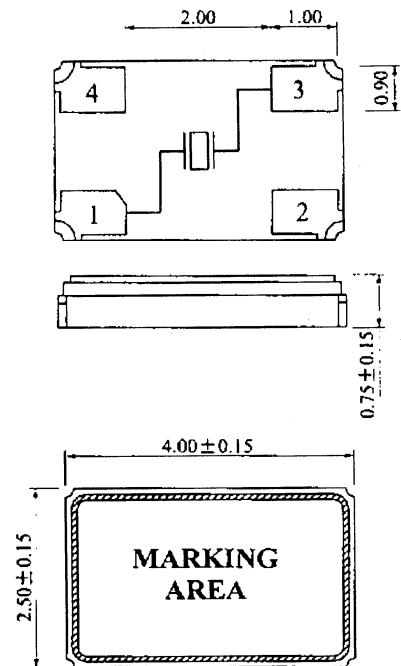
CX425	Z	A5*	B3	C3	80	12.0	D10
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	RESISTANCE	FREQUENCY	LOAD CAP.
CX425	BLANK = BULK PACK Z = TAPE AND REEL	A5 = -20°C ~ +70°C	B3 = ± 30 B6 = ± 15 B4 = ± 10	C3 = ± 30 C8 = ± 15 C4 = ± 10	SEE CHART BELOW		D8, D10, ETC.

*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:	12.000 ~ 32.000 MHz (Fundamental)
Operating Temperature:	-20°C ~ +70°C
Frequency Stability:	± 30 ppm ± 15 ppm ± 10 ppm
Frequency Tolerance: (at 25°C)	± 30 ppm ± 15 ppm ± 10 ppm
Load Capacitance:	Standard 8 pF, 10 pF, etc. Other values are available.
Resistance:	Maximum resistance corresponds to frequency. See chart below.
Standard:	Shunt Capacitance: 7 pF Max Aging: ± 5 ppm/year Drive Level: 100 µW Max
Option:	Packaging: Tape and Reel

CX425



Recommended Solder Pattern

Resistance Chart: All resistances are maximum

EQUIVALENT SERIES RESISTANCE (ESR), MODE OF OPERATION (MODE)		
Frequency MHz	ESR (Ω)	Oscillation Mode
12.0 ~ 19.999	80	Fundamental
20.0 ~ 25.999	70	Fundamental
26.0 ~ 32.000	50	Fundamental

