

Ceramic Surface Mount Crystal

• *Small overall package dimensions*

Series CX425



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

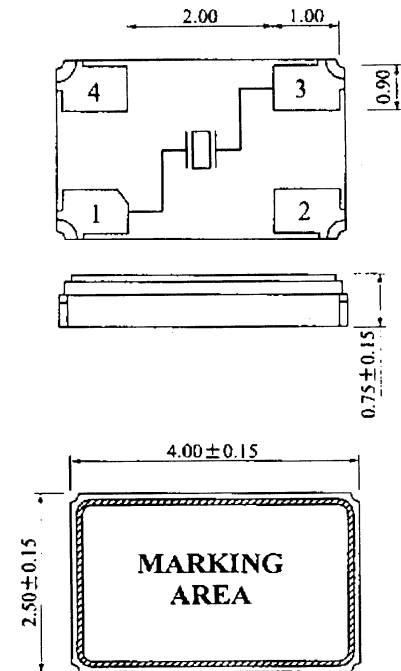
CX425	Z	A5*	B3	C3	80	12.0	D10
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	RESISTANCE	FREQUENCY	LOAD CAP.
CX425	BLANK = BULK PACK Z = TAPE AND REEL	A5 = -20°C ~ +70°C A7 = -10°C ~ +60°C	B3 = ± 30 B6 = ± 15 B4 = ± 10	C3 = ± 30 C8 = ± 15 C4 = ± 10	SEE CHART BELOW		D8, D10, ETC.

**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 ~ 50.000 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



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

Recommended Solder Pattern

