

Ceramic Surface Mount Crystal

- Smallest package dimensions available
- Wide fundamental mode
- Very low drive level

Series **CX325**Part Numbering Example: **CX325 - Z - A1 B2 C2 100 - 20.0 D18**

CX325	Z	A1*	B2	C2	100	20.0	D18
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	RESISTANCE	FREQUENCY	LOAD CAP.
CX325	BLANK = BULK PACK Z = TAPE AND REEL	A0 = -10°C ~ +60°C A1 = -10°C ~ +70°C A2 = -40°C ~ +85°C A3 = -55°C ~ +125°C	B1 = ±100 B2 = ± 50 B3 = ± 30 B4 = ± 10 B9 = ± 20	C1 = ±100 C2 = ± 50 C3 = ± 30 C4 = ± 10	SEE CHART BELOW		D16,18,20,ETC. DS = SERIES

***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: 20.000 ~ 55.000 MHz (Fundamental)

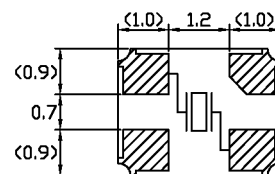
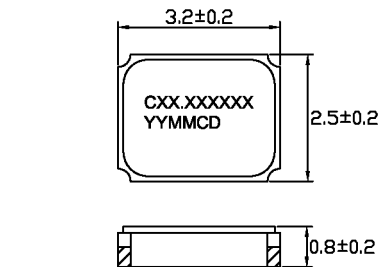
Operating Temperature: -10°C ~ +60°C

Frequency Stability: ± 30 ppm
± 50 ppm Standard
± 100 ppm

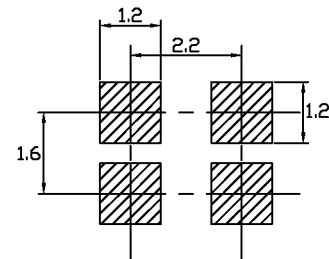
Frequency Tolerance: ± 30 ppm
(at 25°C) ± 50 ppm Standard
± 100 ppm

Load Capacitance: 16 pF or series
Other values are available

Standard: Mode: Fundamental
Shunt Capacitance: 7 pF Max
Aging: ± 5 ppm/year
Drive Level: 10 µW (100 µW Max)
Packaging: Tape and Reel

CX325

RECOMMENDED SOLDER PAD LAYOUT



Resistance Chart: All resistances are maximum

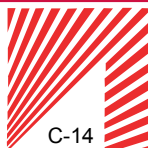
EQUIVALENT SERIES RESISTANCE (ESR), MODE OF OPERATION (MODE)		
Frequency MHz	ESR (Ω)	Oscillation Mode
20.0 ~ 29.999	100	Fundamental
30.0 ~ 55.999	50	Fundamental

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C-14

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