

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

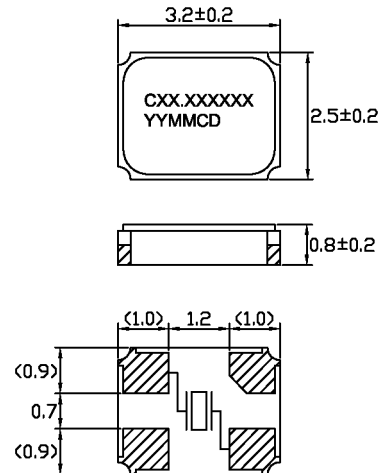
CX325	Z	A1*	B2	C2	100	20.0	D18
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	RESISTANCE	FREQUENCY	LOAD CAP.
CX325	BLANK = BULK PACK Z = TAPE AND REEL	A0 = -10°C ~ +60°C A1 = -10°C ~ +70°C A2 = -40°C ~ +85°C A3 = -55°C ~ +125°C	B1 = ±100 B2 = ± 50 B3 = ± 30 B4 = ± 10 B9 = ± 20	C1 = ±100 C2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

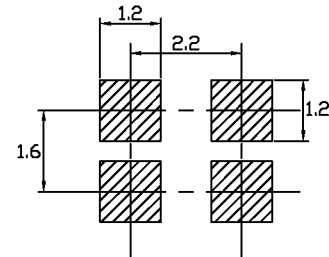
Specifications:

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

