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[Cardinal Components](#)

[CX325Z-A5B2C5-50-20.0D18](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

Ceramic Surface Mount Crystal

Series **CX325**

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

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

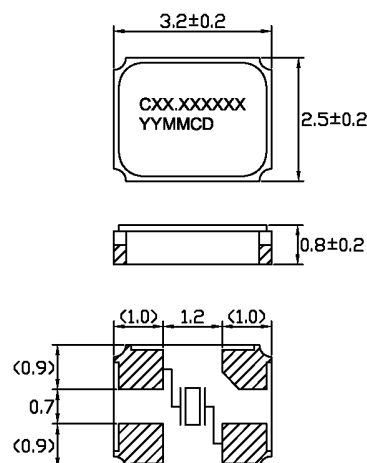
CX325	Z	A1*	B2	C2	100	20.0	D18
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	RESISTANCE	FREQUENCY	LOAD CAP.
CX325	BLANK = BULK PACK Z = TAPE AND REEL	A0 = -10°C ~ +60°C A1 = -10°C ~ +70°C A2 = -40°C ~ +85°C A3 = -55°C ~ +125°C	B1 = ±100 B2 = ± 50 B3 = ± 30 B4 = ± 10 B9 = ± 20	C1 = ±100 C2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

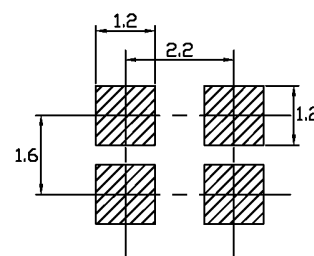
Specifications:

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: (at 25°C)	± 30 ppm ± 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