



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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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

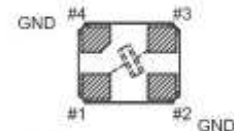
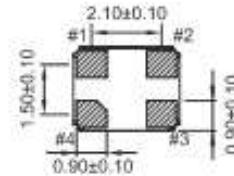
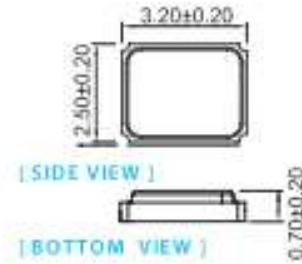
CX325	Z	A1*	B2	C2	100	20.0	D18
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	RESISTANCE	FREQUENCY	LOAD CAP.
CX325	BLANK = BULK PACK Z = TAPE AND REEL	A0 = -10°C ~ +60°C A1 = -10°C ~ +70°C A2 = -40°C ~ +85°C	B1 = ±100 B2 = ± 50 B3 = ± 30 B4 = ± 10 B9 = ± 20	C1 = ±100 C2 = ± 50 C3 = ± 30 C4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

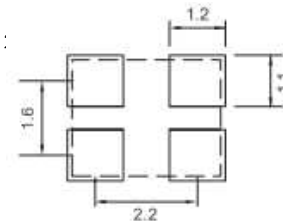
Specifications:

Frequency Range:	12.000 ~ 60.000 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



#2 and #4 are connected to the cover (please connect to ground)



Resistance Chart: All resistances are maximum

Frequency Range	MODE	E.S.R
12 MHz ≤ Fo ≤ 13 MHz	A1	<150Ω
13 MHz < Fo ≤ 19.5 MHz	A1	<80Ω
19.5 MHz < Fo ≤ 27 MHz	A1	<60Ω
27 MHz < Fo ≤ 60 MHz	A1	<50Ω

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