



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!



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Ceramic Surface Mount Crystal

- Small overall package dimensions
- Available in both 2 & 4 pads

Series CX532



Part Numbering Example: CX532 Z - A1 B2 C2 150 - 10.0 D16 - 3

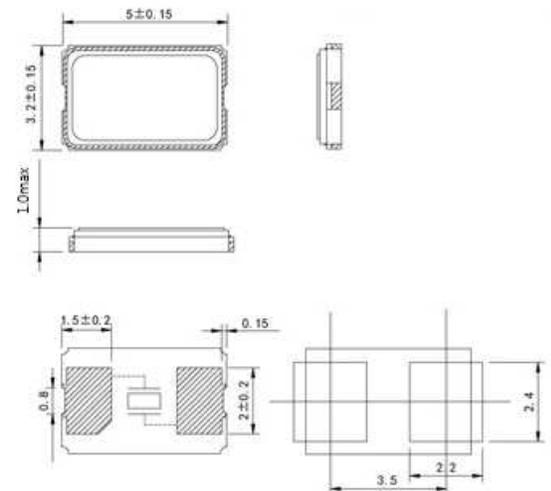
CX532	Z	A1*	B2	C2	150	10.0	D16	-3
SERIES	ADDED FEATURES	OPERATING TEMP.	STABILITY	TOLERANCE	RESISTANCE	FREQUENCY	LOAD CAP.	OVERTONE
CX532	BLANK = BULK PACK Z = TAPE AND REEL	A0 = -10°C ~ +60°C A1 = -10°C ~ +70°C A2 = -40°C ~ +85°C	B1 = ±100 B2 = ± 50 B3 = ± 30 B4 = ± 10	C1 = ±100 C2 = ± 50 C3 = ± 30 C4 = ± 10	SEE CHART BELOW		D16,18,20,ETC. DS = SERIES	BLANK: FUND. -3: 3rd OT

**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.*

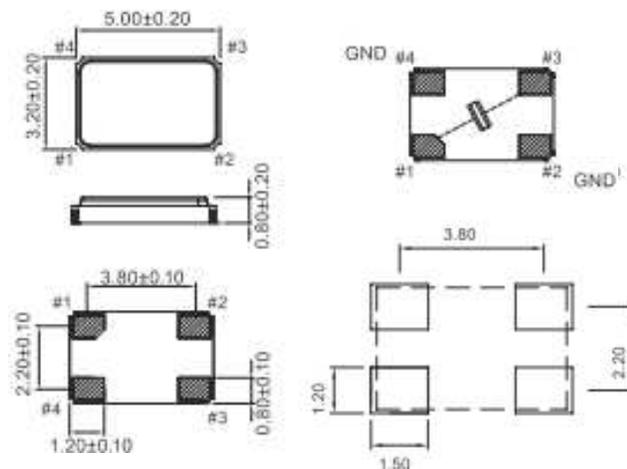
Specifications:

Frequency Range:	8.000 ~ 80.000 MHz
Operating Temperature:	-10°C ~ +60°C <i>Standard</i>
Frequency Stability:	±100 ppm ± 50 ppm <i>Standard</i> ± 30 ppm
Frequency Tolerance: (at 25°C)	±100 ppm ± 50 ppm <i>Standard</i> ± 30 ppm
Load Capacitance:	Standard 16, 18 pF or series. Other values are available.
Resistance:	Maximum resistance corresponds to frequency. See chart below.
Standard:	Mode: Fundamental or 3rd Overtone Shunt Capacitance: 7 pF Max Aging: ± 5 ppm/year Drive Level: 100 µW Max
Option:	Packaging: Tape and Reel

CX532



CX532A



Resistance Chart: All resistances are maximum

Frequency Range	MODE	E.S.R
8 MHz ≤ Fo < 11 MHz	A1	<100Ω
11 MHz ≤ Fo < 12 MHz	A1	<85Ω
12 MHz ≤ Fo < 13 MHz	A1	<60Ω
13 MHz ≤ Fo < 16 MHz	A1	<55Ω
16 MHz ≤ Fo < 24 MHz	A1	<50Ω
24 MHz ≤ Fo < 48 MHz	A1	<45Ω
48 MHz ≤ Fo < 53.125 MHz	A1	<40Ω
Fo = 80 MHz	A3	<60Ω

