

Ceramic resonators (CERALOCK®) are made of high stability piezoelectric ceramics that function as a mechanical resonator. At present, CERALOCK® find a broad range of applications such as automotive electronics, communications, personal computing, and medical/healthcare equipment.



#### «Search Conditions»

#### cstn(Starting with ...)

Part Number	Frequency	Frequency Tolerance	Frequency Shift by Temperature	Operating Temperature Range	Other Applications	Shape
CSTNE10M0G520000R0 Under development	10.000MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE10M0G52A000R0 Under development	10.000MHz	±0.50%	±0.20%	-40℃ to 125℃	Automotive	SMD
CSTNE10M0G52Z000R0 Under development	10.000MHz	±0.50%	±0.20%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE10M0G550000R0 In Production Recommended	10.000MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE10M0G55A000R0 In Production Recommended	10.000MHz	±0.50%	±0.20%	-40℃ to 125℃	Automotive	SMD
CSTNE10M0G55Z000R0 In Production Recommended	10.000MHz	±0.50%	±0.20%	-40℃ to 125℃	Consumer/Industrial	SMD

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Part Number	Frequency	Frequency Tolerance	Frequency Shift by Temperature	Operating Temperature Range	Other Applications	Shape
CSTNE10M0GH5C000R0	10.000MHz	±0.07%	±0.13%	-40°C to 125°C	Automotive	SMD
CSTNE10M0GH5L000R0	10.000MHz	±0.07%	±0.11%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE11M0G520000R0	11.000MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE11M2G550000R0 In Production Recommended	11.289MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE12M0G520000R0	12.000MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE12M0G52A000R0	12.000MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD
CSTNE12M0G52Z000R0	12.000MHz	±0.50%	±0.20%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE12M0G550000R0	12.000MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE12M0G55A000R0	12.000MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD
CSTNE12M0G55Z000R0	12.000MHz	±0.50%	±0.20%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE12M0GH5C000R0	12.000MHz	±0.07%	±0.13%	-40°C to 125°C	Automotive	SMD
CSTNE12M0GH5L000R0	12.000MHz	±0.07%	±0.11%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE12M2G520000R0	12.288MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE12M2G550000R0	12.288MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE12M2G55A000R0	12.288MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD

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CSTNE12M2GH5L000R0	12.288MHz	±0.07%	±0.11%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE12M5G520000R0	12.500MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE12M5G550000R0 In Production Recommended	12.500MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE12M5G55A000R0	12.500MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD
CSTNE12M5G55Z000R0	12.500MHz	±0.50%	±0.20%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE13M0G520000R0	13.000MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE13M0G55A000R0 In Production Recommended	13.000MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD
CSTNE13M5G520000R0	13.500MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE13M5G550000R0 In Production Recommended	13.500MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE14M0V510000R0	14.000MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE14M0V530000R0	14.000MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE14M0V53C000R0	14.000MHz	±0.50%	±0.15%	-40°C to 125°C	Automotive	SMD
CSTNE14M3V530000R0	14.318MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE14M7V510000R0	14.746MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE14M7V530000R0	14.746MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD

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Part Number	Frequency	Frequency Tolerance	Frequency Shift by Temperature	Operating Temperature Range	Other Applications	Shape
CSTNE14M7V53C000R0	14.746MHz	±0.50%	±0.15%	-40°C to 125°C	Automotive	SMD
CSTNE15M0V530000R0	15.000MHz	±0.50%	±0.30%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE15M0V53C000R0	15.000MHz	±0.50%	±0.15%	-40°C to 125°C	Automotive	SMD
CSTNE16M0V510000R0	16.000MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE16M0V51C000R0	16.000MHz	±0.50%	±0.30%	-40℃ to 125℃	Automotive	SMD
CSTNE16M0V51Z000R0 Under development	16.000MHz	±0.50%	±0.30%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE16M0V530000R0	16.000MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE16M0V53C000R0	16.000MHz	±0.50%	±0.15%	-40°C to 125°C	Automotive	SMD
CSTNE16M0V53Z000R0	16.000MHz	±0.50%	±0.30%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE16M0VH3C000R0	16.000MHz	±0.07%	±0.13%	-40°C to 125°C	Automotive	SMD
CSTNE16M0VH3L000R0	16.000MHz	±0.07%	±0.11%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE16M3V530000R0	16.384MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE16M5V530000R0	16.500MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE16M6V530000R0	16.670MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE16M6V53C000R0	16.670MHz	±0.50%	±0.15%	-40℃ to 125℃	Automotive	SMD

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CSTNE16M6V53Z000R0	16.670MHz	±0.50%	±0.30%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE16M8V530000R0	16.800MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE16M9V530000R0	16.934MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE16M9V53C000R0	16.934MHz	±0.50%	±0.15%	-40°C to 125°C	Automotive	SMD
CSTNE16M9V53Z000R0	16.934MHz	±0.50%	±0.30%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE17M0V530000R0	17.000MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE17M2V530000R0	17.200MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE18M0V510000R0	18.000MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE18M0V530000R0	18.000MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE18M0VH3C000R0	18.000MHz	±0.07%	±0.13%	-40°C to 125°C	Automotive	SMD
CSTNE18M4V530000R0	18.432MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE18M4V53C000R0	18.432MHz	±0.50%	±0.15%	-40°C to 125°C	Automotive	SMD
CSTNE18M4V53Z000R0	18.432MHz	±0.50%	±0.30%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE18M7V530000R0	18.750MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE19M2V530000R0	19.200MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD

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CSTNE19M2VH3L000R0	19.200MHz	±0.07%	±0.11%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE19M6V510000R0	19.660MHz	±0.50%	±0.30%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE19M6V530000R0 In Production Recommended	19.660MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE19M8V530000R0	19.800MHz	±0.50%	±0.30%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE20M0V510000R0	20.000MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE20M0V51C000R0	20.000MHz	±0.50%	±0.30%	-40°C to 125°C	Automotive	SMD
CSTNE20M0V51Z000R0	20.000MHz	±0.50%	±0.30%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE20M0V530000R0	20.000MHz	±0.50%	±0.30%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE20M0V53C000R0 In Production Recommended	20.000MHz	±0.50%	±0.15%	-40°C to 125°C	Automotive	SMD
CSTNE20M0V53Z000R0 In Production Recommended	20.000MHz	±0.50%	±0.30%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE20M0VH3C000R0	20.000MHz	±0.07%	±0.13%	-40°C to 125°C	Automotive	SMD
CSTNE20M0VH3L000R0	20.000MHz	±0.07%	±0.11%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE8M00G520000R0	8.000MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE8M00G52A000R0	8.000MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD
CSTNE8M00G52Z000R0	8.000MHz	±0.50%	±0.20%	-40°C to 125°C	Consumer/Industrial	SMD

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CSTNE8M00G550000R0	8.000MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE8M00G55A000R0	8.000MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD
CSTNE8M00G55Z000R0	8.000MHz	±0.50%	±0.20%	-40°C to 125°C	Consumer/Industrial	SMD
CSTNE8M00GH5C000R0	8.000MHz	±0.07%	±0.13%	-40°C to 125°C	Automotive	SMD
CSTNE8M00GH5L000R0	8.000MHz	±0.07%	±0.11%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE8M19G550000R0	8.192MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE8M38G520000R0	8.388MHz	±0.50%	±0.20%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE8M38G52A000R0	8.388MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD
CSTNE8M38G550000R0	8.388MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE8M38G55A000R0	8.388MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD
CSTNE8M50G550000R0	8.500MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE9M00G520000R0	9.000MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE9M00G550000R0	9.000MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE9M21G520000R0	9.210MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE9M60GH5L000R0	9.600MHz	±0.07%	±0.11%	-40°C to 85°C	Consumer/Industrial	SMD

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CSTNE9M83G520000R0	9.830MHz	±0.50%	±0.20%	-40℃ to 85℃	Consumer/Industrial	SMD
CSTNE9M83GH5L000R0 In Production Recommended	9.830MHz	±0.07%	±0.11%	-40°C to 85°C	Consumer/Industrial	SMD
CSTNE9M84G52A000R0	9.843MHz	±0.50%	±0.20%	-40°C to 125°C	Automotive	SMD
CSTNR4M00GH5C000R0	4.000MHz	±0.07%	±0.13%	-40°C to 125°C	Automotive	SMD
CSTNR4M00GH5L000R0	4.000MHz	±0.07%	±0.11%	-20°C to 85°C	Consumer/Industrial	SMD
CSTNR4M91GH5L000R0 In Production Recommended	4.915MHz	±0.07%	±0.11%	-20°C to 85°C	Consumer/Industrial	SMD
CSTNR5M00GH5C000R0	5.000MHz	±0.07%	±0.13%	-40°C to 125°C	Automotive	SMD
CSTNR5M00GH5L000R0	5.000MHz	±0.07%	±0.11%	-20°C to 85°C	Consumer/Industrial	SMD
CSTNR6M00GH5C000R0 In Production Recommended	6.000MHz	±0.07%	±0.13%	-40°C to 125°C	Automotive	SMD
CSTNR6M00GH5L000R0	6.000MHz	±0.07%	±0.11%	-20°C to 85°C	Consumer/Industrial	SMD
CSTNR7M37GH5L000R0	7.370MHz	±0.07%	±0.11%	-20℃ to 85℃	Consumer/Industrial	SMD

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CSTNE16M0V530000R0 CSTNR4M00GH5L000R0 CSTNE10M0GH5L000R0 CSTNE16M0VH3C000R	0
CSTNE10M0G55A000R0 CSTNE10M0GH5C000R0 CSTNE12M0GH5L000R0 CSTNE20M0V53Z000R0	)
CSTNE8M00G550000R0 CSTNE20M0V53C000R0 CSTNE8M00G55A000R0 CSTNE8M00GH5C000R0	
<u>CSTNE20M0V530000R0</u> <u>CSTNE8M00GH5L000R0</u> <u>CSTNE12M0GH5C000R0</u> <u>CSTNE10M0G550000R0</u>	
CSTNE20M0VH3C000R0 CSTNE20M0VH3L000R0 CSTNE16M0V53C000R0 CSTNR4M00GH5C000R0	)
<u>CSTNE12M0G55A000R0</u> <u>CSTNE12M0G550000R0</u> <u>CSTNE16M0V53Z000R0</u> <u>CSTNE8M00G55Z000R0</u>	
<u>CSTNE12M0G55Z000R0</u> <u>CSTNE16M0VH3L000R0</u> <u>CSTNE10M0G55Z000R0</u> <u>CSTNE12M2GH5L000R0</u>	
CSTNE11M2G550000R0 CSTNE19M2VH3L000R0 CSTNE16M6V530000R0 CSTNE15M0V53C000R0	
<u>CSTNE16M9V53C000R0</u> <u>CSTNE12M2G55A000R0</u> <u>CSTNE9M60GH5L000R0</u> <u>CSTNE17M0V530000R0</u>	
<u>CSTNE14M0V53C000R0</u> <u>CSTNR5M00GH5C000R0</u> <u>CSTNE16M6V53C000R0</u> <u>CSTNE19M8V530000R0</u>	
<u>CSTNE16M3V530000R0</u> <u>CSTNE8M50G550000R0</u> <u>CSTNE16M9V530000R0</u> <u>CSTNE8M38G55A000R0</u>	
<u>CSTNE9M00G550000R0</u> <u>CSTNE16M6V53Z000R0</u> <u>CSTNE8M19G550000R0</u> <u>CSTNE19M6V530000R0</u>	
CSTNE12M5G55A000R0 CSTNR6M00GH5L000R0 CSTNR4M91GH5L000R0 CSTNE18M0VH3C000R0	)
<u>CSTNE18M0V530000R0</u> <u>CSTNE13M0G55A000R0</u> <u>CSTNE12M5G550000R0</u> <u>CSTNE18M4V530000R0</u>	
<u>CSTNE19M2V530000R0</u> <u>CSTNE14M7V53C000R0</u> <u>CSTNR6M00GH5C000R0</u> <u>CSTNE13M5G550000R0</u>	
<u>CSTNE14M3V530000R0</u> <u>CSTNE17M2V530000R0</u> <u>CSTNE14M0V530000R0</u> <u>CSTNE18M4V53C000R0</u>	
<u>CSTNE16M8V530000R0</u> <u>CSTNE16M9V53Z000R0</u> <u>CSTNR7M37GH5L000R0</u> <u>CSTNE15M0V530000R0</u>	
<u>CSTNE18M7V530000R0</u> <u>CSTNR5M00GH5L000R0</u> <u>CSTNE12M2G550000R0</u> <u>CSTNE9M83GH5L000R0</u>	
<u>CSTNE16M5V530000R0</u> <u>CSTNE14M7V530000R0</u> <u>CSTNE12M5G55Z000R0</u> <u>CSTNE18M4V53Z000R0</u>	
CSTNE8M38G550000R0 CSTNR4M91GH5C000R0 CSTNR4M19GH5L000R0 CSTNE12M2G520000R0	)
<u>CSTNE19M6V510000R0</u> <u>CSTNE20M0V51C000R0</u> <u>CSTNE9M21G520000R0</u> <u>CSTNE13M5G520000R0</u>	
<u>CSTNE16M0V51C000R0</u> <u>CSTNE9M84G52A000R0</u> <u>CSTNE16M0V51Z000R0</u> <u>CSTNE12M0G52Z000R0</u>	
<u>CSTNE20M0V51Z000R0</u> <u>CSTNE9M00G520000R0</u> <u>CSTNE13M0G520000R0</u> <u>CSTNE12M5G520000R0</u>	
<u>CSTNE8M38G52A000R0</u> <u>CSTNE9M83G520000R0</u> <u>CSTNE8M38G520000R0</u> <u>CSTNE18M0V510000R0</u>	
<u>CSTNE14M0V510000R0</u> <u>CSTNE11M0G520000R0</u> <u>CSTNE11M0G550000R0</u> <u>CSTNE8M00G52A000R0</u>	