

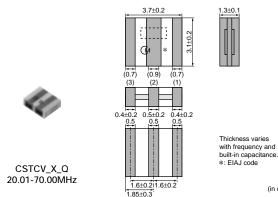
read rating and ACAUTION (for storage, operating, rating, soldering, mounting and handling) in this PDF catalog to prevent smoking and/or burning, etc. talog has only typical specifications. Therefore, you are requested to approve our product specifications or to transact the approval sheet for product specifications before ordering

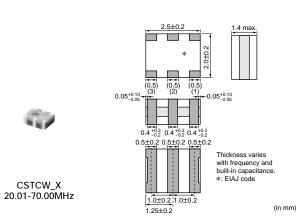
Note Please This cat

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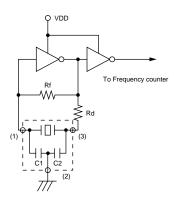
Part Number	Oscillating Frequency (MHz)	Initial Tolerance (%)	Temp. Stability (%)	Temperature Range (°C)	Use
CSTCC_G	2.00 to 3.99	±0.5	±0.3 [±0.4%:Built-in Capacitance 47pF type within Freq.2.00 to 3.49MHz]	-20 to +80	For consumer electronics
CSTCC_G_A	2.00 to 3.99	±0.5	±0.4 [-0.6% to +0.3%:Built-in Capacitance 47pF type within Freq.2.00 to 3.49MHz]	-40 to +125	For automotive electronics
CSTCR_G	4.00 to 7.99	±0.5	±0.2	-20 to +80	For consumer electronics
CSTCR_G_B	4.00 to 7.99	±0.5	±0.15	-40 to +125	For automotive electronics
CSTCE_G	8.00 to 12.50	±0.5	±0.2	-20 to +80	For consumer electronics
CSTCE_G_A	8.00 to 12.50	±0.5	±0.2	-40 to +125	For automotive electronics
CSTCE_V	12.51 to 20.00	±0.5	±0.3	-20 to +80	For consumer electronics
CSTCE_V_A	12.51 to 20.00	±0.5	±0.3	-40 to +125	For automotive electronics
CSTCG_V	20.00 to 33.86	±0.5	±0.3	-20 to +80	For consumer electronics
CSTCV_X_Q	20.01 to 70.00	±0.5	±0.3	-40 to +125	For automotive electronics
CSTCW_X	20.01 to 70.00	±0.5	±0.2	-20 to +80	For consumer electronics

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(in mm)

Irregular or stop oscillation may occur under unmatched circuit conditions. Please check the actual conditions prior to use.

■ Oscillation Frequency Measuring Circuit





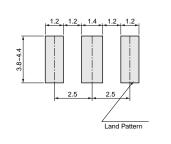
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(in mm)

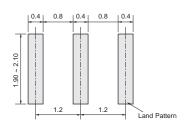
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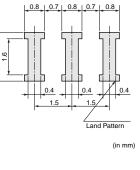
CSTCC_G(_A)



CSTCE_G(_A)



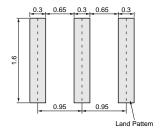
(in mm)



2.6

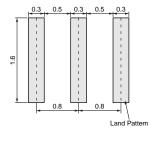
CSTCR_G(_B)

CSTCE_V(_A)



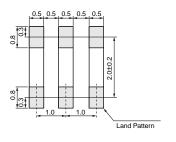
(in mm)





(in mm)

CSTCW_X



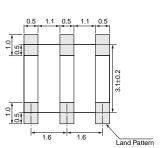


(in mm)

5



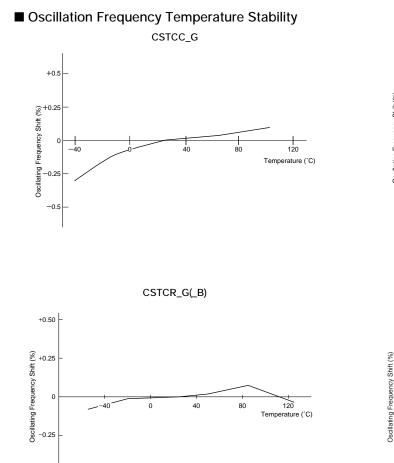
CSTCV_X_Q

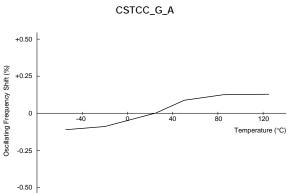


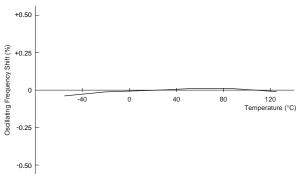
(in mm)

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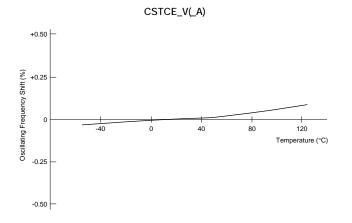
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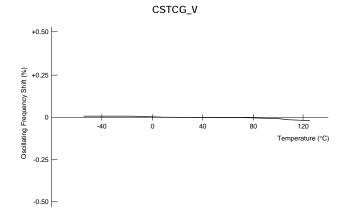


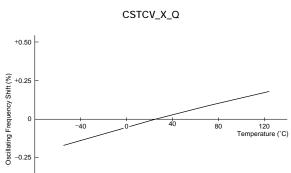




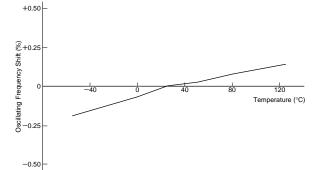
CSTCE_G(_A)













6

-0.50

-0.50

muRata

Part Numbering

CERALOCK[®] (MHz)

(Part Number)	CS T CE	16M0 V5	3 ***	-R0
	000	46	6	0
Product ID				
Product ID				

CS Ceramic Resonators

Prequency/Capacitance

Code	Frequency/Capacitance
Α	MHz No capacitance built-in
т	MHz Built-in Capacitance

3Structure/Size

Code	Structure/Size
LS	Round Lead Type
СС	Cap Chip Type
CR/CE/CG	Small-cap Chip Type
CV	Monolithic Chip Type
CW	Small Monolithic Chip Type

Nominal Center Frequency

Expressed by four-digit alphanumerics. The unit is in hertz (Hz). Decimal point is expressed by capital letter "**M**".

Design	
Code	Design
G	Thickness Shear mode
Τ/ν□□	Thickness Expander mode
X	Thickness Expander mode (3rd overtone)

□□ indicates initial frequency tolerance and load capacity.

6 Individual Specification

-	
Code	Individual Specification
***	Three-digit alphanumerics express "Individual Specification".

With standard products, "Individual Specification" is omitted, and Package Specification Code" is carried up.

Packaging

Code	Packaging
-B0	Bulk
-A0	Radial Taping H ₀ =18mm
-R0	Plastic Taping ø=180mm
-R1	Plastic Taping ø=330mm

Radial taping is applied to lead type and plastic taping to chip type.



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Largest Supplier of Electrical and Electronic Components

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 CSTLS4M00G53Z-A0
 ZTB455E
 ECS-CR2-16.00-A-TR
 ECS-HFR-20.00

 B-TR
 ECS-CR2-20.00-A-TR
 RO3164E-3
 ASR418S2-T
 CSTNE10M0G520000R0
 CSTLS8M00G53093-A0
 CSTNE12M0G52A000R0

 CSTLS18M4X54-A0
 CSTLS16M9X53Z-B0
 CSTLS24M0X51-A0
 CSTLS25M0X51-B0
 CSTLS18M0X51-B0
 CSTLS4M00G53093-A0

 CSTLS18M4X53-A0
 CSTNE16M0V510000R0
 CSTLS30M0X53-B0
 CSTLS33M8X53-B0
 CSTLS16M9X53-A0
 CSTLS6M40G56-B0

 CSTLS6M25G56-A0
 CSTNE14M7V510000R0
 CSTLS18M4X53-B0
 CSTLS33M0X51-B0
 CSTLS5M50G56-B0
 7B008000101

 7D038400101
 TAXM24M2ILDBET2T
 TAXM26M2IHDBET2T
 146-32.768-12.5-20-20/A
 3225-24.00-12-10-10/A
 7B009843M01

 CF4016M00009T8188042
 S32400001B0730D1JB
 X252016MLB4SI
 Q24FA20H00389
 CSTLS16M0X54-B0
 CSTLS4M19G56-B0

 9AC04194152080D2JB
 CST3.58MGW
 CSTCR4M91G55B-R0
 CSTLS3M68G56-B0
 \$2100327072090
 FC-12M32.768KHZ9PF20PPM

 7Y032768NW2
 CST
 CST
 CSTLS3M68G56-B0
 \$2100327072090
 FC-12M32.768KHZ9PF20PPM