

Technical Data of Ceramic Resonator

(*)

New Part No. : CSTLS4M00G53-B0

Previous Part No. : CSTS0400MG03

Applied to HD64F7144F50

Note: Suffix indicates packaging style.

·Lead type

-A0 : Flat pack package(Ho=18mm)

-B0 : Bulk

·SMD type

-R0 : Plastic tape package(\varnothing =180mm)

-B0 : Bulk

(*) Murata changed part number in June of 2001.





The new part number is shown on this sheet with previous part number.

TOYAMA MURATA MANUFACTURING CO., LTD.

Product Engineering Service Section I

Planning Department

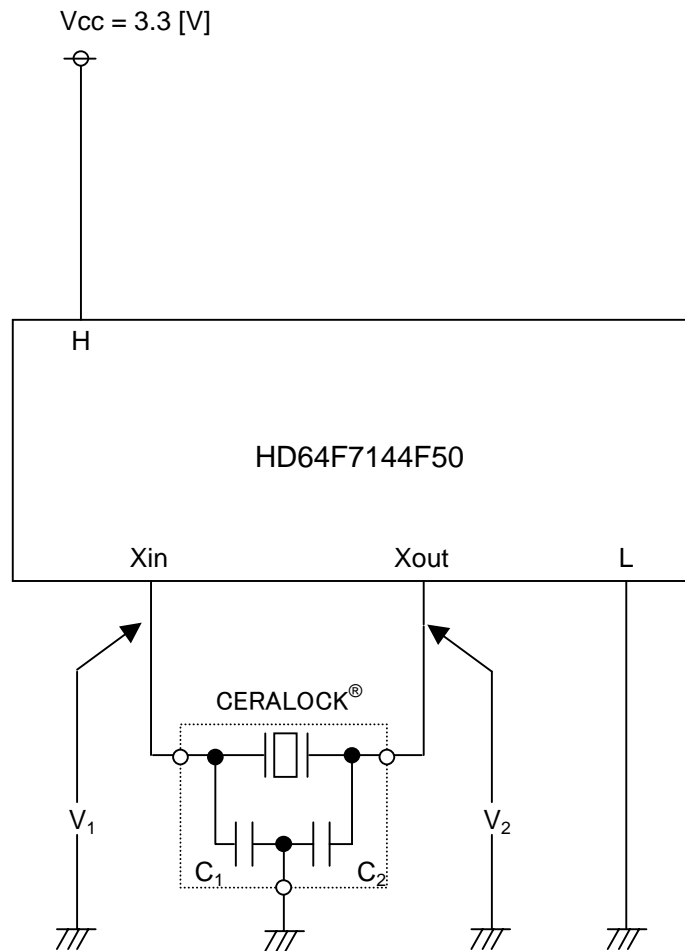
Piezoelectric Components Group

Approved by	Checked by	Checked by	Issued by	Issued Date	Data No.
 K.Terada	 K.Maruno	 K.Masaki	 K.Tagata	Sep 11, 2002	TCD-02-1670

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Test Circuit



Xin : 74

Xout: 72

H : 21,37,65,77,80,100,103

L : 3,23,33,39,55,61,71,82,90,97,101,109

Recommended Value

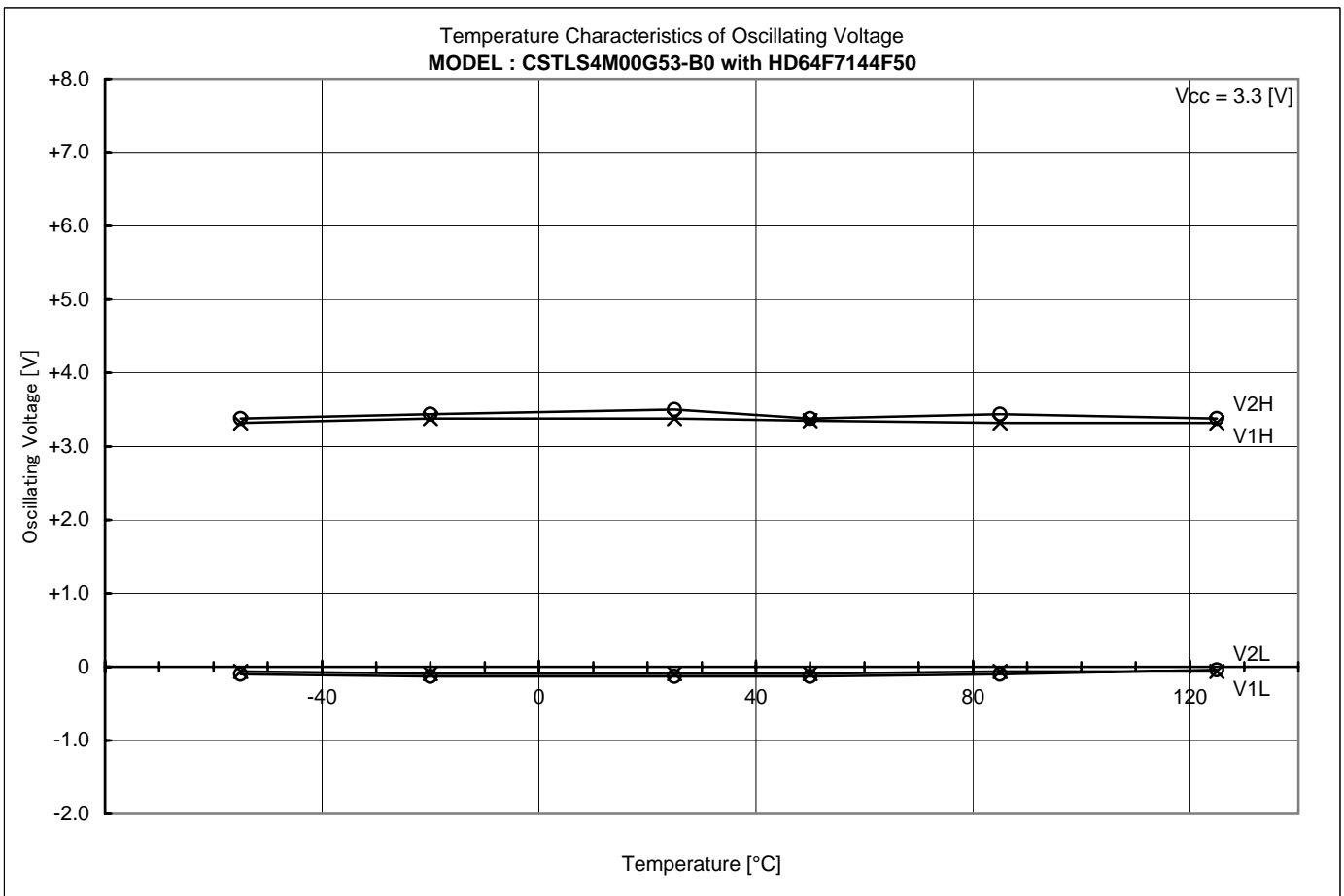
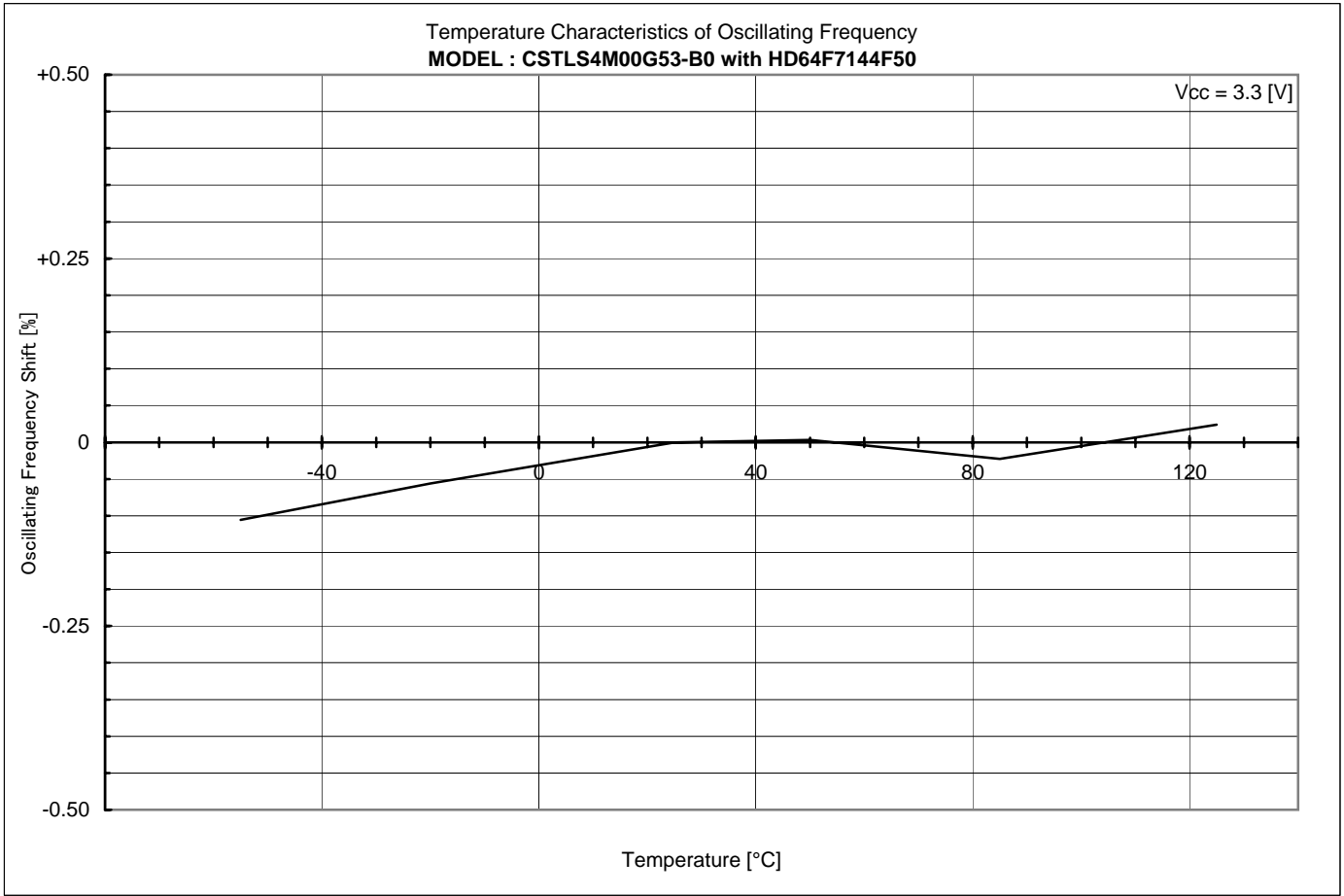
GERALOCK® : CSTLS4M00G53-B0

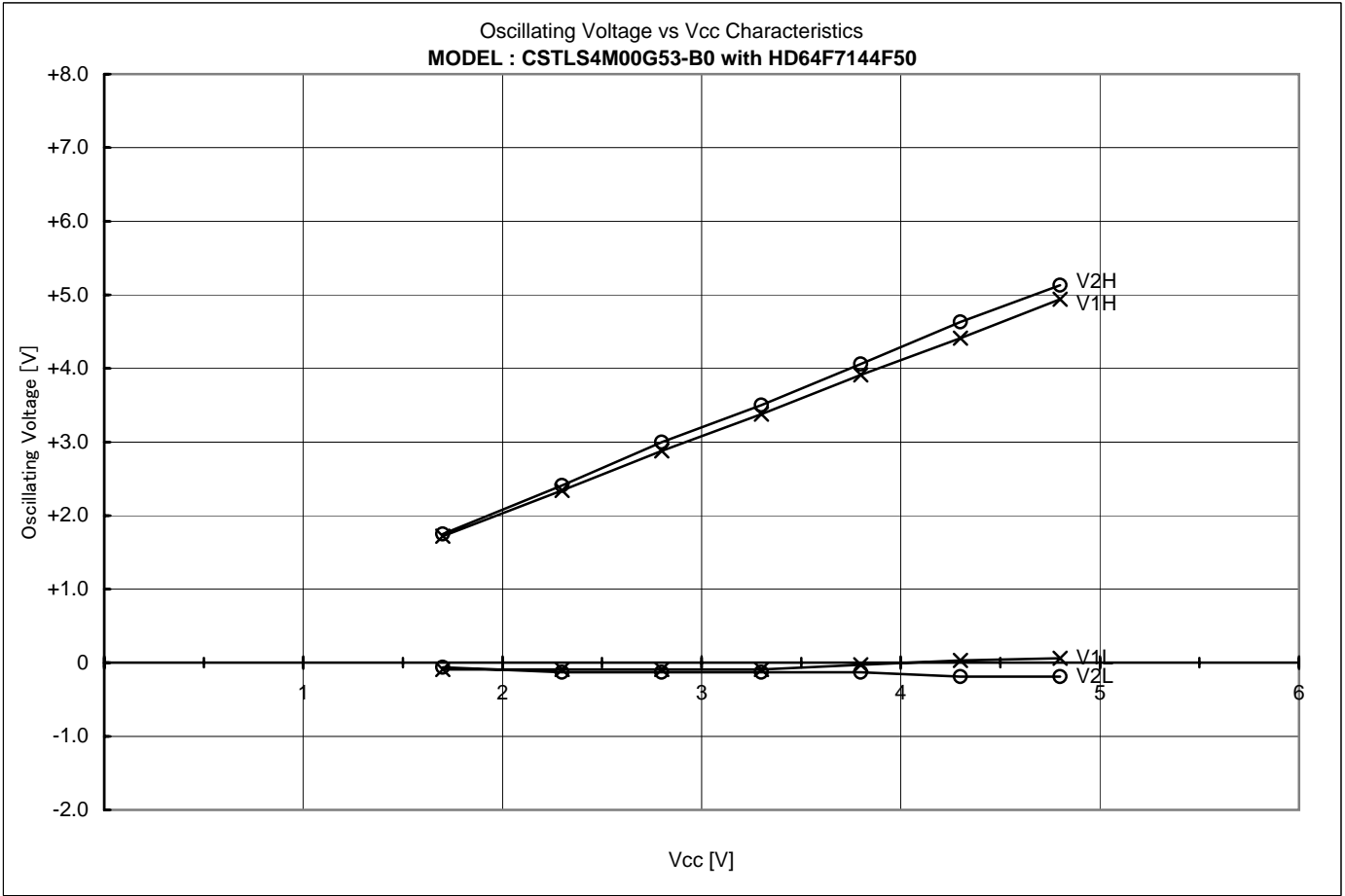
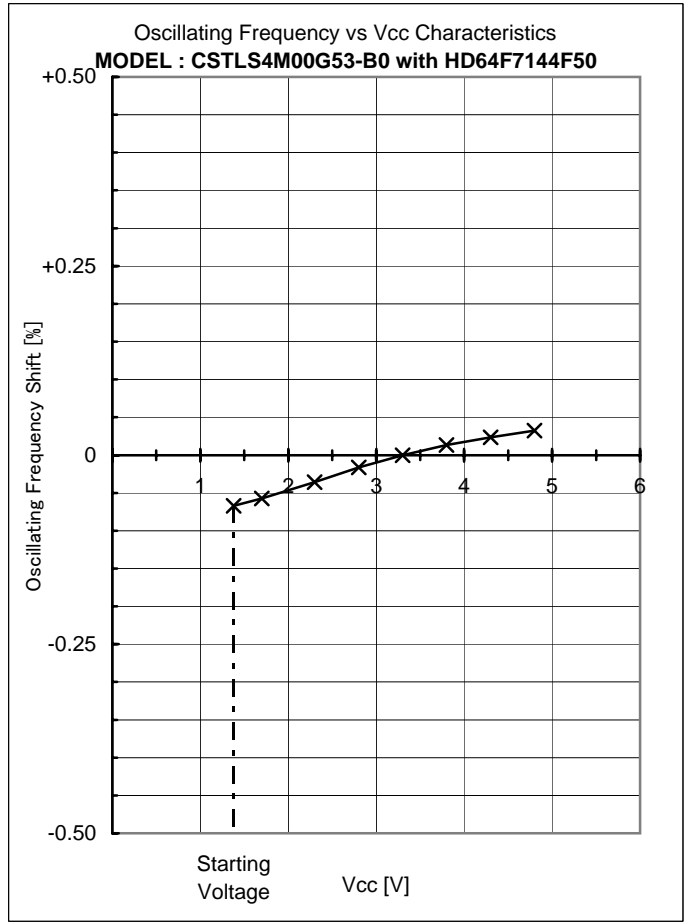
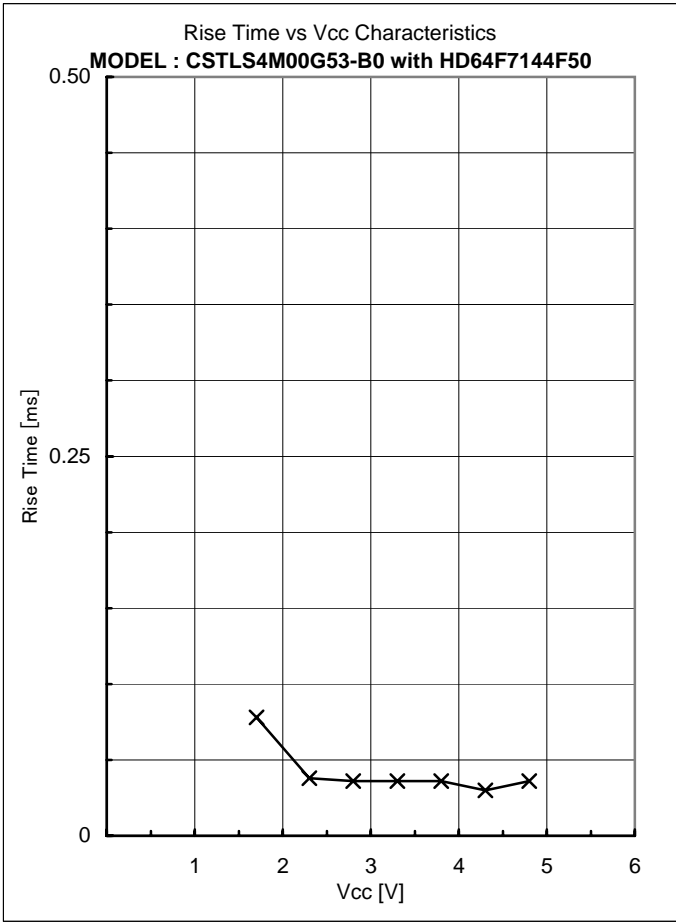
Vcc = 2.97 to 3.63 [V]

C1 = 15 [pF] (Typ.)

C2 = 15 [pF] (Typ.)

Ta = -40 to 85 [°C]





Appendixes

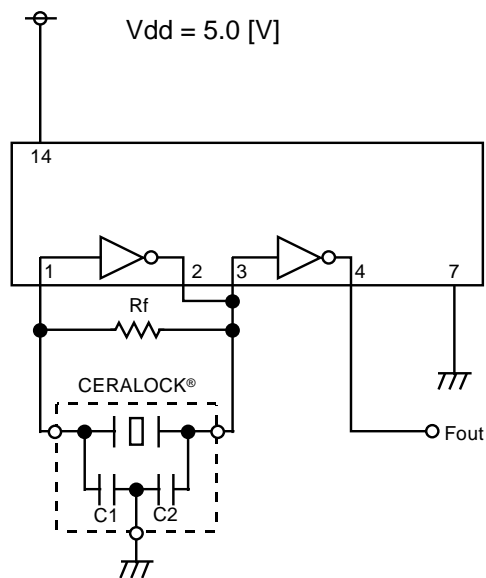
4. Frequency Correlation Data

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Frequency Correlation Data

Sample No.	HD64F7144F50 Fosc [kHz]	TC4069UBP Fosc [kHz]	Shift [%]
1	4021.258	4003.721	0.4380
2	4021.910	4004.260	0.4408
3	4022.732	4005.408	0.4325
4	4023.449	4005.739	0.4421
5	4021.001	4003.674	0.4328
- X	4022.070	4004.560	0.4372

muRata Standard Circuit



CERALOCK® : CSTLS4M00G53-B0

$C_1 = 15$ [pF]

$C_2 = 15$ [pF]

$R_f = 1$ [Mohm]