

TITLE

## CRYSTAL SPECIFICATIONS

DATE

June 18, 2019

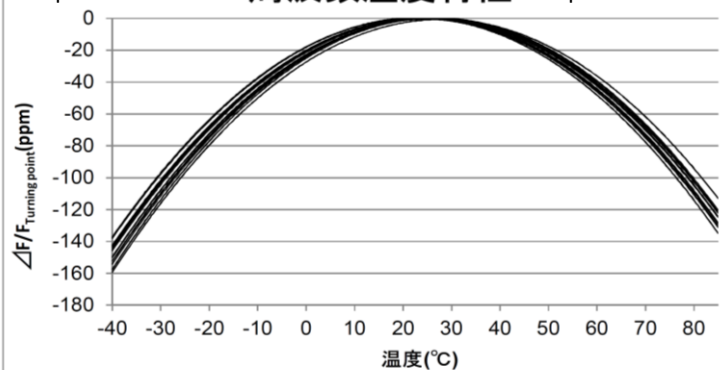
## 1610 32.768kHz TEST DATA AT ROOM &amp; OVER-TEMP

Test Data at room temperature

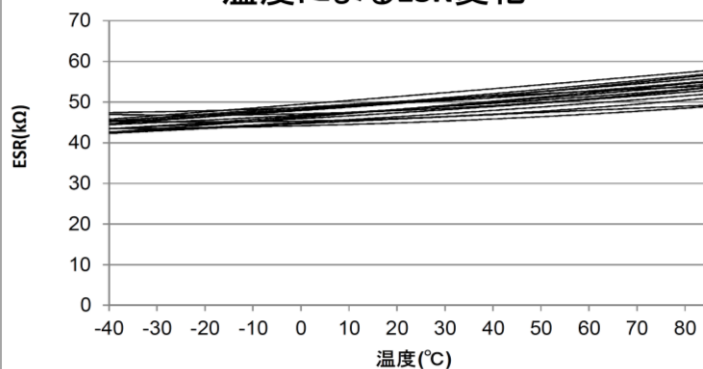
常温の特性データ

Serial No.	Frequency (kHz)	Frequency tolerance (ppm)	ESR (kΩ)	C0 (pF)	C1 (fF)	L1 (H)	Insu.Res.
1	32.767555	13.6	48.8	1.52	6.67	3538.3	-
2	32.767538	14.1	50.1	1.51	6.66	3545.2	-
3	32.767830	5.2	51.8	1.50	6.59	3582.4	-
4	32.767891	3.3	52.0	1.57	6.80	3472.2	-
5	32.767905	2.9	53.1	1.50	6.53	3613.7	-
6	32.767624	11.5	53.3	1.47	6.42	3678.3	-
7	32.768522	-15.9	52.9	1.53	6.68	3531.4	-
8	32.768153	-4.7	51.1	1.54	6.69	3527.0	-
9	32.768320	-9.8	54.9	1.48	6.48	3643.8	-
10	32.767968	1.0	55.2	1.47	6.47	3650.3	-
11	32.768549	-16.8	53.1	1.53	6.69	3527.7	-
12	32.767757	7.4	53.6	1.49	6.57	3594.8	-
13	32.768049	-1.5	54.1	1.51	6.56	3596.0	-
14	32.768329	-10.0	52.8	1.48	6.47	3646.2	-
15	32.768458	-14.0	49.0	1.48	6.54	3606.5	-
16	32.767487	15.6	51.8	1.54	6.74	3500.8	-
17	32.768436	-13.3	54.0	1.48	6.45	3660.6	-
18	32.768407	-12.4	50.8	1.48	6.49	3639.4	-
19	32.767762	7.3	53.1	1.51	6.62	3563.9	-
20	32.768024	-0.7	55.8	1.49	6.48	3643.4	-
---	周波数 等価抵抗		負荷容量 直列	12.5pF		励振レベル 励振レベル	0.1μW 0.1μW

Temperature Test Data 周波数温度特性 Temperature Stability



ESR TEMP. DATA 温度によるESR変化 ESR VS. TEMP



SMI

ITEM.

QUARTZ CRYSTAL UNITS  
110SMX 32.768 kHz

No.

SX-6472A