

Specification of DO-35 NTC Thermistor

PART NUMBER: **TT-DO-2KC2H-1**

No. of pages: 8

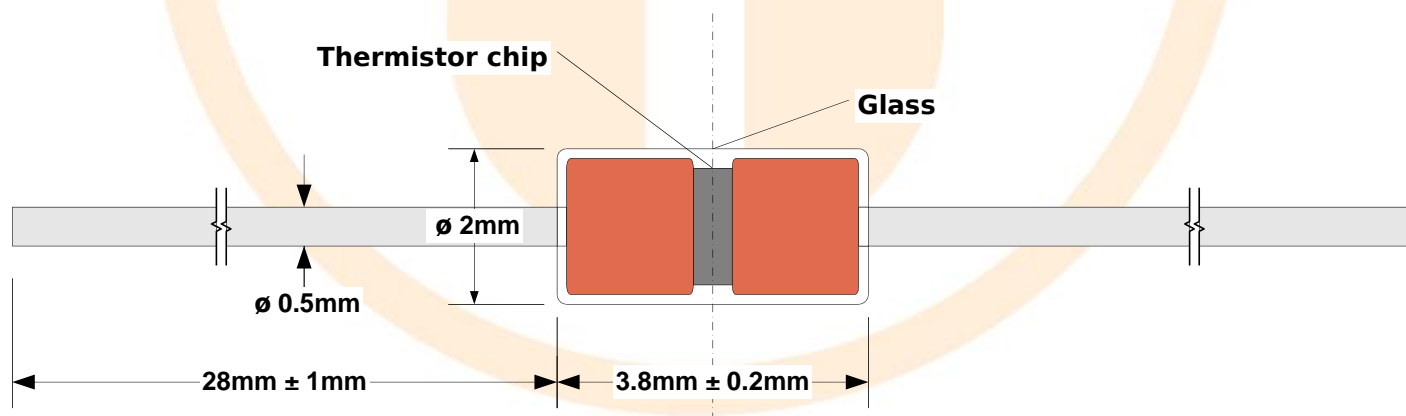
Date: **20.02.2019**

Revision: **01**

FEATURES:

Element	DO-35 NTC Thermistor
No-load resistance at 25°C	2 000 Ω
Tolerance at 25°C	± 1%
Beta(25/85) Constant	3 400K ±1%
Operating temperature range	-40°C ÷ 250°C

DRAWING:



UNITS: [mm]

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Temp. (°C)	Rmin	R(t)Normal	Rmax	MIN	MAX	MIN	MAX
-40	38.115	39.668	41.280	-3.9%	4.1%	-0.67	0.69
-39	36.97	37.547	39.51	-3.9%	4.0%	-0.66	0.69
-38	34.196	35.550	36.954	-3.8%	3.9%	-0.66	0.68
-37	32.404	33.669	34.979	-3.8%	3.9%	-0.65	0.68
-36	30.715	31.897	33.120	-3.7%	3.8%	-0.65	0.67
-35	29.123	30.227	31.369	-3.7%	3.8%	-0.64	0.67
-34	27.621	28.652	29.719	-3.6%	3.7%	-0.64	0.66
-33	26.203	27.168	28.165	-3.5%	3.7%	-0.64	0.66
-32	24.866	25.767	26.699	-3.5%	3.6%	-0.63	0.65
-31	23.603	24.446	25.316	-3.4%	3.6%	-0.63	0.65
-30	22.411	23.199	24.012	-3.4%	3.5%	-0.62	0.64
-29	21.284	22.021	22.781	-3.3%	3.5%	-0.62	0.64
-28	20.219	20.908	21.619	-3.3%	3.4%	-0.61	0.63
-27	19.213	19.858	20.522	-3.2%	3.3%	-0.61	0.63
-26	18.262	18.866	19.487	-3.2%	3.3%	-0.60	0.62
-25	17.364	17.928	18.509	-3.1%	3.2%	-0.60	0.61
-24	16.514	17.042	17.585	-3.1%	3.2%	-0.59	0.61
-23	15.710	16.204	16.712	-3.0%	3.1%	-0.59	0.60
-22	14.949	15.412	15.887	-3.0%	3.1%	-0.58	0.60
-21	14.229	14.662	15.107	-3.0%	3.0%	-0.58	0.59
-20	13.548	13.953	14.369	-2.9%	3.0%	-0.57	0.59
-19	12.902	13.281	13.670	-2.9%	2.9%	-0.57	0.58
-18	12.290	12.645	13.010	-2.8%	2.9%	-0.56	0.57
-17	11.711	12.044	12.385	-2.8%	2.8%	-0.56	0.57
-16	11.163	11.474	11.793	-2.7%	2.8%	-0.55	0.56
-15	10.643	10.935	11.234	-2.7%	2.7%	-0.54	0.56
-14	10.151	10.424	10.704	-2.6%	2.7%	-0.54	0.55
-13	9.684	9.940	10.202	-2.6%	2.6%	-0.53	0.54
-12	9.242	9.482	9.727	-2.5%	2.6%	-0.53	0.54
-11	8.822	9.047	9.276	-2.5%	2.5%	-0.52	0.53
-10	8.424	8.634	8.849	-2.4%	2.5%	-0.51	0.53
-9	8.047	8.244	8.445	-2.4%	2.4%	-0.51	0.52
-8	7.689	7.873	8.062	-2.3%	2.4%	-0.50	0.51
-7	7.349	7.522	7.699	-2.3%	2.3%	-0.50	0.51
-6	7.026	7.188	7.354	-2.3%	2.3%	-0.49	0.50
-5	6.719	6.872	7.027	-2.2%	2.3%	-0.48	0.49
-4	6.428	6.571	6.716	-2.2%	2.2%	-0.48	0.49
-3	6.151	6.285	6.421	-2.1%	2.2%	-0.47	0.48
-2	5.888	6.013	6.141	-2.1%	2.1%	-0.46	0.47
-1	5.638	5.755	5.874	-2.0%	2.1%	-0.46	0.47
1	5.173	5.276	5.381	-2.0%	2.0%	-0.44	0.45
2	4.957	5.054	5.152	-1.9%	1.9%	-0.44	0.44

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3	4.751	4.842	4.934	-1.9%	1.9%	-0.43	0.44
4	4.556	4.640	4.726	-1.8%	1.9%	-0.42	0.43
5	4.369	4.448	4.529	-1.8%	1.8%	-0.42	0.42
6	4.190	4.264	4.340	-1.7%	1.8%	-0.41	0.42
7	4.020	4.089	4.160	-1.7%	1.7%	-0.40	0.41
8	3.857	3.922	3.988	-1.7%	1.7%	-0.40	0.40
9	3.702	3.763	3.824	-1.6%	1.6%	-0.39	0.39
10	3.553	3.611	3.668	-1.6%	1.6%	-0.38	0.39
11	3.412	3.465	3.519	-1.5%	1.6%	-0.37	0.38
12	3.277	3.327	3.377	-1.5%	1.5%	-0.37	0.37
13	3.148	3.195	3.242	-1.5%	1.5%	-0.36	0.36
14	3.025	3.068	3.112	-1.4%	1.4%	-0.35	0.35
15	2.907	2.948	2.989	-1.4%	1.4%	-0.34	0.35
16	2.794	2.833	2.871	-1.3%	1.4%	-0.34	0.34
17	2.687	2.723	2.758	-1.3%	1.3%	-0.33	0.33
18	2.584	2.618	2.651	-1.3%	1.3%	-0.29	0.30
19	2.486	2.517	2.548	-1.2%	1.2%	-0.31	0.32
20	2.392	2.421	2.450	-1.2%	1.2%	-0.31	0.31
21	2.302	2.329	2.356	-1.2%	1.2%	-0.30	0.30
22	2.216	2.241	2.266	-1.1%	1.1%	-0.29	0.29
23	2.134	2.157	2.181	-1.1%	1.1%	-0.28	0.28
24	2.055	2.077	2.099	-1.0%	1.0%	-0.27	0.27
25	1.980	2.000	2.020	-1.0%	1.0%	-0.27	0.27
26	1.906	1.926	1.946	-1.0%	1.0%	-0.28	0.28
27	1.835	1.855	1.875	-1.1%	1.1%	-0.29	0.29
28	1.768	1.787	1.807	-1.1%	1.1%	-0.30	0.30
29	1.703	1.722	1.742	-1.1%	1.2%	-0.31	0.31
30	1.641	1.660	1.680	-1.2%	1.2%	-0.32	0.32
31	1.581	1.601	1.620	-1.2%	1.2%	-0.34	0.34
32	1.524	1.544	1.563	-1.3%	1.3%	-0.35	0.35
33	1.470	1.489	1.508	-1.3%	1.3%	-0.36	0.36
34	1.417	1.436	1.455	-1.3%	1.3%	-0.37	0.37
35	1.367	1.386	1.405	-1.4%	1.4%	-0.38	0.39
36	1.319	1.338	1.357	-1.4%	1.4%	-0.40	0.40
37	1.273	1.291	1.310	-1.4%	1.4%	-0.41	0.41
38	1.229	1.247	1.265	-1.5%	1.5%	-0.42	0.42
39	1.186	1.204	1.222	-1.5%	1.5%	-0.43	0.44
40	1.145	1.163	1.181	-1.5%	1.5%	-0.45	0.45
41	1.106	1.124	1.142	-1.6%	1.6%	-0.46	0.46
42	1.069	1.086	1.104	-1.6%	1.6%	-0.47	0.48
43	1.033	1.050	1.067	-1.6%	1.7%	-0.48	0.49
44	0.998	1.015	1.032	-1.7%	1.7%	-0.50	0.50
45	0.965	0.981	0.998	-1.7%	1.7%	-0.51	0.52

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46	0.933	0.949	0.966	-1.7%	1.8%	-0.52	0.53
47	0.902	0.918	0.935	-1.8%	1.8%	-0.54	0.54
49	0.844	0.860	0.876	-1.8%	1.9%	-0.56	0.57
50	0.816	0.832	0.848	-1.9%	1.9%	-0.58	0.58
51	0.790	0.806	0.821	-1.9%	1.9%	-0.59	0.60
52	0.765	0.780	0.796	-1.9%	2.0%	-0.60	0.61
53	0.741	0.756	0.771	-2.0%	2.0%	-0.62	0.63
54	0.718	0.733	0.747	-2.0%	2.0%	-0.63	0.64
55	0.696	0.710	0.725	-2.0%	2.1%	-0.64	0.65
56	0.674	0.688	0.703	-2.1%	2.1%	-0.66	0.67
57	0.653	0.667	0.681	-2.1%	2.1%	-0.67	0.68
58	0.633	0.647	0.661	-2.1%	2.1%	-0.69	0.70
59	0.614	0.627	0.641	-2.1%	2.2%	-0.70	0.71
60	0.595	0.608	0.622	-2.2%	2.2%	-0.71	0.73
61	0.577	0.590	0.603	-2.2%	2.2%	-0.73	0.74
62	0.560	0.572	0.585	-2.2%	2.3%	-0.74	0.76
63	0.543	0.555	0.568	-2.3%	2.3%	-0.76	0.77
64	0.527	0.539	0.552	-2.3%	2.3%	-0.77	0.78
65	0.511	0.523	0.536	-2.3%	2.4%	-0.78	0.80
66	0.496	0.508	0.520	-2.3%	2.4%	-0.80	0.81
67	0.481	0.493	0.505	-2.4%	2.4%	-0.81	0.83
68	0.467	0.479	0.491	-2.4%	2.5%	-0.83	0.84
69	0.454	0.465	0.477	-2.4%	2.5%	-0.84	0.86
70	0.441	0.452	0.463	-2.5%	2.5%	-0.86	0.88
71	0.428	0.439	0.450	-2.5%	2.5%	-0.87	0.89
72	0.415	0.426	0.437	-2.5%	2.6%	-0.89	0.91
73	0.403	0.414	0.424	-2.5%	2.6%	-0.90	0.92
74	0.391	0.402	0.412	-2.6%	2.6%	-0.92	0.94
75	0.380	0.390	0.401	-2.6%	2.7%	-0.93	0.95
76	0.369	0.379	0.390	-2.6%	2.7%	-0.95	0.97
77	0.359	0.369	0.379	-2.7%	2.7%	-0.96	0.98
78	0.349	0.358	0.368	-2.7%	2.8%	-0.98	1.00
79	0.339	0.348	0.358	-2.7%	2.8%	-0.99	1.01
80	0.329	0.339	0.348	-2.7%	2.8%	-1.01	1.03
81	0.320	0.329	0.339	-2.8%	2.8%	-1.02	1.05
82	0.311	0.320	0.329	-2.8%	2.9%	-1.04	1.06
83	0.303	0.311	0.320	-2.8%	2.9%	-1.05	1.08
84	0.294	0.303	0.312	-2.9%	2.9%	-1.07	1.10
85	0.286	0.295	0.303	-2.9%	3.0%	-1.08	1.11
86	0.279	0.287	0.295	-2.9%	3.0%	-1.10	1.13
87	0.271	0.279	0.288	-2.9%	3.0%	-1.11	1.14
88	0.264	0.272	0.280	-3.0%	3.0%	-1.13	1.16
89	0.257	0.265	0.273	-3.0%	3.1%	-1.15	1.18

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90	0.250	0.258	0.266	-3.0%	3.1%	-1.16	1.19
91	0.243	0.251	0.259	-3.0%	3.1%	-1.18	1.21
92	0.237	0.245	0.252	-3.1%	3.1%	-1.19	1.23
93	0.231	0.238	0.246	-3.1%	3.2%	-1.21	1.24
94	0.225	0.232	0.240	-3.1%	3.2%	-1.23	1.26
95	0.219	0.226	0.233	-3.1%	3.2%	-1.24	1.28
97	0.208	0.215	0.222	-3.2%	3.3%	-1.28	1.31
98	0.203	0.209	0.216	-3.2%	3.3%	-1.29	1.33
99	0.1976	0.2043	0.2111	-3.2%	3.3%	-1.31	1.35
100	0.1927	0.1992	0.2059	-3.3%	3.4%	-1.33	1.37
101	0.1879	0.1943	0.2008	-3.3%	3.4%	-1.34	1.38
102	0.1832	0.1895	0.1960	-3.3%	3.4%	-1.36	1.40
103	0.1787	0.1849	0.1912	-3.3%	3.4%	-1.38	1.42
104	0.1744	0.1804	0.1866	-3.4%	3.5%	-1.39	1.44
105	0.1701	0.1761	0.1822	-3.4%	3.5%	-1.41	1.45
106	0.1660	0.1718	0.1779	-3.4%	3.5%	-1.43	1.47
107	0.1620	0.1677	0.1736	-3.4%	3.5%	-1.44	1.49
108	0.1581	0.1637	0.1696	-3.4%	3.6%	-1.46	1.51
109	0.1543	0.1599	0.1656	-3.5%	3.6%	-1.48	1.53
110	0.1507	0.1561	0.1617	-3.5%	3.6%	-1.50	1.55
111	0.1471	0.1525	0.1580	-3.5%	3.6%	-1.51	1.56
112	0.1436	0.1489	0.1543	-3.5%	3.7%	-1.53	1.58
113	0.1403	0.1455	0.1508	-3.6%	3.7%	-1.55	1.60
114	0.1370	0.1421	0.1474	-3.6%	3.7%	-1.57	1.62
115	0.1338	0.1388	0.1440	-3.6%	3.7%	-1.58	1.64
116	0.1308	0.1357	0.1408	-3.6%	3.8%	-1.60	1.66
117	0.1278	0.1326	0.1376	-3.7%	3.8%	-1.62	1.68
118	0.1248	0.1296	0.1345	-3.7%	3.8%	-1.64	1.70
119	0.1220	0.1267	0.1315	-3.7%	3.8%	-1.66	1.71
120	0.1193	0.1239	0.1286	-3.7%	3.8%	-1.67	1.73
121	0.1166	0.1211	0.1258	-3.7%	3.9%	-1.69	1.75
122	0.1140	0.1184	0.1230	-3.8%	3.9%	-1.71	1.77
123	0.1114	0.1158	0.1203	-3.8%	3.9%	-1.73	1.79
124	0.1090	0.1133	0.1177	-3.8%	3.9%	-1.75	1.81
125	0.1066	0.1108	0.1152	-3.8%	4.0%	-1.76	1.83
126	0.1042	0.1084	0.1127	-3.8%	4.0%	-1.78	1.85
127	0.1020	0.1061	0.1103	-3.9%	4.0%	-1.80	1.87
128	0.0997	0.1038	0.1080	-3.9%	4.0%	-1.82	1.89
129	0.0976	0.1016	0.1057	-3.9%	4.1%	-1.84	1.91
130	0.0955	0.0994	0.1035	-3.9%	4.1%	-1.86	1.93
131	0.0934	0.0973	0.1013	-3.9%	4.1%	-1.88	1.95
132	0.0915	0.0952	0.0992	-4.0%	4.1%	-1.90	1.97
133	0.0895	0.0932	0.0971	-4.0%	4.1%	-1.91	1.99

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134	0.0876	0.0913	0.0951	-4.0%	4.2%	-1.93	2.01
135	0.0858	0.0894	0.0931	-4.0%	4.2%	-1.95	2.03
136	0.0840	0.0875	0.0912	-4.0%	4.2%	-1.97	2.05
137	0.0822	0.0857	0.0893	-4.1%	4.2%	-1.99	2.07
138	0.0805	0.0840	0.0875	-4.1%	4.3%	-2.01	2.09
139	0.0789	0.0822	0.0858	-4.1%	4.3%	-2.03	2.11
140	0.0772	0.0806	0.0840	-4.1%	4.3%	-2.05	2.13
141	0.0757	0.0789	0.0823	-4.1%	4.3%	-2.07	2.15
142	0.0741	0.0773	0.0807	-4.2%	4.3%	-2.09	2.17
143	0.0726	0.0758	0.0791	-4.2%	4.4%	-2.11	2.19
145	0.0697	0.0728	0.0760	-4.2%	4.4%	-2.15	2.24
146	0.0683	0.0713	0.0745	-4.2%	4.4%	-2.17	2.26
147	0.0669	0.0699	0.0730	-4.3%	4.4%	-2.19	2.28
148	0.0656	0.0685	0.0716	-4.3%	4.5%	-2.21	2.30
149	0.0643	0.0672	0.0702	-4.3%	4.5%	-2.23	2.32
150	0.0630	0.0659	0.0689	-4.3%	4.5%	-2.25	2.34
151	0.0618	0.0646	0.0675	-4.3%	4.5%	-2.27	2.36
152	0.0606	0.0633	0.0662	-4.4%	4.5%	-2.29	2.39
153	0.0594	0.0621	0.0649	-4.4%	4.6%	-2.31	2.41
154	0.0582	0.0609	0.0637	-4.4%	4.6%	-2.33	2.43
155	0.0571	0.0597	0.0625	-4.4%	4.6%	-2.35	2.45
156	0.0560	0.0586	0.0613	-4.4%	4.6%	-2.37	2.47
157	0.0549	0.0575	0.0601	-4.5%	4.6%	-2.39	2.49
158	0.0539	0.0564	0.0590	-4.5%	4.7%	-2.41	2.52
159	0.0528	0.0553	0.0579	-4.5%	4.7%	-2.43	2.54
160	0.0518	0.0543	0.0568	-4.5%	4.7%	-2.45	2.56
161	0.0508	0.0532	0.0558	-4.5%	4.7%	-2.47	2.58
162	0.0499	0.0522	0.0547	-4.5%	4.7%	-2.49	2.61
163	0.0489	0.0513	0.0537	-4.6%	4.8%	-2.51	2.63
164	0.0480	0.0503	0.0527	-4.6%	4.8%	-2.53	2.65
165	0.0471	0.0494	0.0518	-4.6%	4.8%	-2.56	2.67
166	0.0463	0.0485	0.0508	-4.6%	4.8%	-2.58	2.70
167	0.0454	0.0476	0.0499	-4.6%	4.8%	-2.60	2.72
168	0.0446	0.0467	0.0490	-4.6%	4.9%	-2.62	2.74
169	0.0437	0.0459	0.0481	-4.7%	4.9%	-2.64	2.76
170	0.0429	0.0451	0.0473	-4.7%	4.9%	-2.66	2.79
171	0.0422	0.0442	0.0464	-4.7%	4.9%	-2.68	2.81
172	0.0414	0.0435	0.0456	-4.7%	4.9%	-2.70	2.83
173	0.0407	0.0427	0.0448	-4.7%	5.0%	-2.73	2.86
174	0.0399	0.0419	0.0440	-4.8%	5.0%	-2.75	2.88
175	0.0392	0.0412	0.0432	-4.8%	5.0%	-2.77	2.90
176	0.0385	0.0405	0.0425	-4.8%	5.0%	-2.79	2.93
177	0.0378	0.0398	0.0418	-4.8%	5.0%	-2.81	2.95

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178	0.0372	0.0391	0.0410	-4.8%	5.1%	-2.84	2.97
179	0.0365	0.0384	0.0403	-4.8%	5.1%	-2.86	3.00
180	0.0359	0.0377	0.0397	-4.9%	5.1%	-2.88	3.02
181	0.0353	0.0371	0.0390	-4.9%	5.1%	-2.90	3.04
182	0.0347	0.0365	0.0383	-4.9%	5.1%	-2.92	3.07
183	0.0341	0.0358	0.0377	-4.9%	5.1%	-2.95	3.09
184	0.0335	0.0352	0.0371	-4.9%	5.2%	-2.97	3.12
185	0.0329	0.0346	0.0364	-4.9%	5.2%	-2.99	3.14
186	0.0324	0.0341	0.0358	-5.0%	5.2%	-3.01	3.16
187	0.0318	0.0335	0.0352	-5.0%	5.2%	-3.04	3.19
188	0.0313	0.0329	0.0347	-5.0%	5.2%	-3.06	3.21
189	0.0308	0.0324	0.0341	-5.0%	5.3%	-3.08	3.24
190	0.0303	0.0319	0.0335	-5.0%	5.3%	-3.10	3.26
191	0.0298	0.0313	0.0330	-5.0%	5.3%	-3.13	3.29
193	0.0288	0.0303	0.0319	-5.1%	5.3%	-3.17	3.34
194	0.0283	0.0298	0.0314	-5.1%	5.3%	-3.20	3.36
195	0.0279	0.0294	0.0309	-5.1%	5.4%	-3.22	3.39
196	0.0274	0.0289	0.0304	-5.1%	5.4%	-3.24	3.41
197	0.0270	0.0284	0.0300	-5.1%	5.4%	-3.27	3.44
198	0.0265	0.0280	0.0295	-5.1%	5.4%	-3.29	3.46
199	0.0261	0.0275	0.0290	-5.2%	5.4%	-3.31	3.49
200	0.0257	0.0271	0.0286	-5.2%	5.4%	-3.34	3.51
201	0.025	0.027	0.028	-5.2%	5.5%	-3.36	3.54
202	0.025	0.026	0.028	-5.2%	5.5%	-3.38	3.56
203	0.025	0.026	0.027	-5.2%	5.5%	-3.41	3.59
204	0.024	0.025	0.027	-5.2%	5.5%	-3.43	3.61
205	0.024	0.025	0.026	-5.2%	5.5%	-3.46	3.64
206	0.023	0.025	0.026	-5.3%	5.5%	-3.48	3.67
207	0.023	0.024	0.026	-5.3%	5.6%	-3.50	3.69
208	0.023	0.024	0.025	-5.3%	5.6%	-3.53	3.72
209	0.022	0.024	0.025	-5.3%	5.6%	-3.55	3.74
210	0.022	0.023	0.024	-5.3%	5.6%	-3.58	3.77
211	0.022	0.023	0.024	-5.3%	5.6%	-3.60	3.80
212	0.021	0.023	0.024	-5.3%	5.6%	-3.62	3.82
213	0.021	0.022	0.023	-5.4%	5.7%	-3.65	3.85
214	0.021	0.022	0.023	-5.4%	5.7%	-3.67	3.87
215	0.020	0.022	0.023	-5.4%	5.7%	-3.70	3.90
216	0.020	0.021	0.022	-5.4%	5.7%	-3.72	3.93
217	0.020	0.021	0.022	-5.4%	5.7%	-3.75	3.95
218	0.019	0.021	0.022	-5.4%	5.7%	-3.77	3.98
219	0.019	0.020	0.021	-5.4%	5.7%	-3.80	4.01
220	0.019	0.020	0.021	-5.5%	5.8%	-3.82	4.03
221	0.019	0.020	0.021	-5.5%	5.8%	-3.85	4.06

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222	0.018	0.019	0.021	-5.5%	5.8%	-3.87	4.09
223	0.018	0.019	0.020	-5.5%	5.8%	-3.90	4.12
224	0.018	0.019	0.020	-5.5%	5.8%	-3.92	4.14
225	0.018	0.019	0.020	-5.5%	5.8%	-3.95	4.17
226	0.017	0.018	0.019	-5.5%	5.9%	-3.97	4.20
227	0.017	0.018	0.019	-5.6%	5.9%	-4.00	4.22
228	0.017	0.018	0.019	-5.6%	5.9%	-4.02	4.25
229	0.017	0.018	0.019	-5.6%	5.9%	-4.05	4.28
230	0.016	0.017	0.018	-5.6%	5.9%	-4.07	4.31
231	0.016	0.017	0.018	-5.6%	5.9%	-4.10	4.33
232	0.016	0.017	0.018	-5.6%	5.9%	-4.12	4.36
233	0.016	0.017	0.018	-5.6%	6.0%	-4.15	4.39
234	0.015	0.016	0.017	-5.6%	6.0%	-4.18	4.42
235	0.015	0.016	0.017	-5.7%	6.0%	-4.20	4.45
236	0.015	0.016	0.017	-5.7%	6.0%	-4.23	4.47
237	0.015	0.016	0.017	-5.7%	6.0%	-4.25	4.50
238	0.015	0.015	0.016	-5.7%	6.0%	-4.28	4.53
239	0.014	0.015	0.016	-5.7%	6.0%	-4.31	4.56
241	0.014	0.015	0.016	-5.7%	6.1%	-4.36	4.62
242	0.014	0.015	0.016	-5.7%	6.1%	-4.38	4.64
243	0.014	0.014	0.015	-5.8%	6.1%	-4.41	4.67
244	0.013	0.014	0.015	-5.8%	6.1%	-4.44	4.70
245	0.013	0.014	0.015	-5.8%	6.1%	-4.46	4.73
246	0.013	0.014	0.015	-5.8%	6.1%	-4.49	4.76
247	0.013	0.014	0.015	-5.8%	6.2%	-4.52	4.79
248	0.013	0.014	0.014	-5.8%	6.2%	-4.54	4.82
249	0.013	0.013	0.014	-5.8%	6.2%	-4.57	4.85
250	0.012	0.013	0.014	-5.8%	6.2%	-4.60	4.88