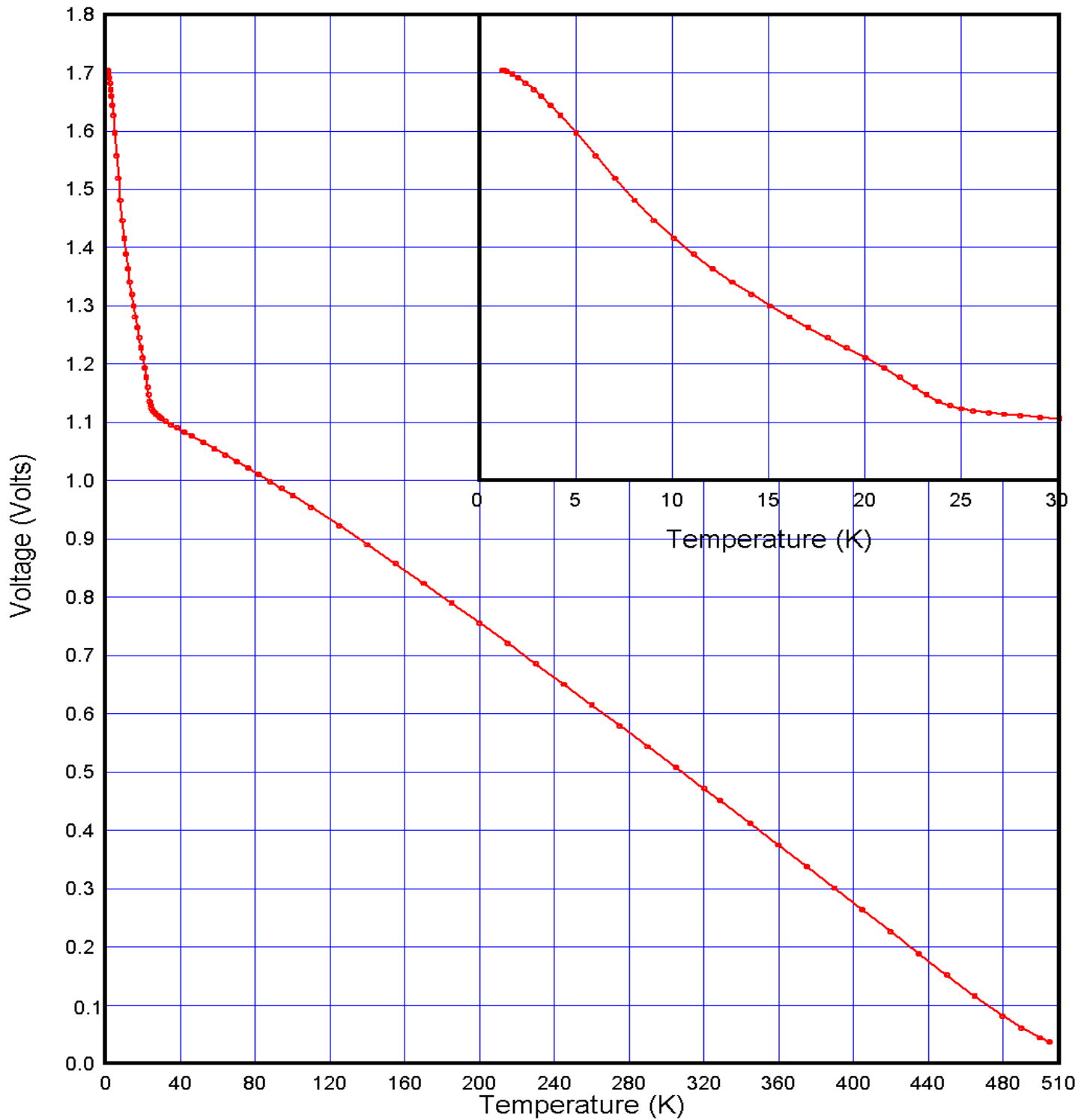


DATA PLOT

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: $10\mu\text{A} \pm 0.05\%$



TEST DATA

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: 10 μ A \pm 0.05%

Index	Temperature (K)	Voltage (V)	Index	Temperature (K)	Voltage (V)
1	1.20358	1.70447	46	58.1280	1.05528
2	1.29401	1.70350	47	64.1268	1.04439
3	1.40487	1.70213	48	70.1248	1.03331
4	1.69988	1.69767	49	76.1289	1.02200
5	1.99820	1.69197	50	82.1117	1.01052
6	2.40331	1.68250	51	88.1203	0.998777
7	2.81714	1.67129	52	94.1082	0.986875
8	3.21628	1.65950	53	100.096	0.974770
9	3.70535	1.64408	54	110.098	0.954225
10	4.19756	1.62744	55	125.082	0.922700
11	5.02145	1.59722	56	140.097	0.890360
12	6.04197	1.55794	57	155.087	0.857444
13	7.04207	1.51891	58	170.081	0.823988
14	8.05951	1.48098	59	185.067	0.790093
15	9.07926	1.44651	60	200.052	0.755802
16	10.0979	1.41579	61	215.054	0.721113
17	11.1119	1.38837	62	230.072	0.686057
18	12.1153	1.36361	63	245.062	0.650787
19	13.1187	1.34077	64	260.070	0.615232
20	14.1151	1.31963	65	275.073	0.579507
21	15.1095	1.29974	66	290.069	0.543655
22	16.0960	1.28090	67	305.065	0.507680
23	17.0790	1.26284	68	320.072	0.471539
24	18.0627	1.24531	69	328.389	0.451440
25	19.0485	1.22809	70	344.834	0.411460
26	20.0353	1.21088	71	359.823	0.374868
27	21.0257	1.19304	72	374.801	0.338069
28	21.8166	1.17762	73	389.792	0.301016
29	22.6147	1.16037	74	404.773	0.263764
30	23.2065	1.14724	75	419.778	0.226290
31	23.8160	1.13606	76	434.750	0.188835
32	24.4214	1.12840	77	449.748	0.151558
33	25.0296	1.12349	78	464.748	0.115212
34	25.6410	1.12011	79	479.731	8.12908e-2
35	26.4591	1.11670	80	489.717	6.11751e-2
36	27.2669	1.11400	81	499.705	4.39860e-2
37	28.0830	1.11161	82	504.704	3.66815e-2
38	29.0990	1.10893			
39	30.1093	1.10649			
40	32.1285	1.10206			
41	35.1458	1.09610			
42	38.1487	1.09058			
43	42.1479	1.08352			
44	46.1449	1.07654			
45	52.1376	1.06599			



POLYNOMIAL EQUATION

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: 10 μ A \pm 0.05%

Polynomial Type: Chebychev
Useful Range of Fit:

1.40K to 12.1K
1.702 Volt to 1.364 Volt

Lower and Upper limits of voltage used in computing Chebychev coefficients:

ZL = 1.319626383 ZU = 1.7044738

Order	Coefficient	Std. Deviation of Coefficient	Ratio (Coeff./Std Dev.)
0	7.532038	2.4854E-03	3030.45
1	-6.030537	3.6458E-03	-1654.08
2	0.263883	3.6978E-03	71.36
3	-0.351666	3.4331E-03	-102.43
4	-0.071014	3.2692E-03	-21.72
5	-0.033847	3.2020E-03	-10.57
6	-0.031962	3.1608E-03	-10.11
7	-0.021861	3.1746E-03	-6.89
8	-0.014966	3.2724E-03	-4.57
9	-0.010933	3.4686E-03	-3.15
10	-0.012216	3.4675E-03	-3.52

Z = voltage

$$X = ((Z-ZL)-(ZU-Z))/(ZU-ZL)$$

Temp. (K) = $\sum A_i \cdot \cos(i \cdot \arccos(X))$, where $0 \leq i \leq 10$
and the A_i 's are the coefficients in the table above.



POLYNOMIAL EQUATION

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: 10 μ A \pm 0.05%

Polynomial Type: Chebychev
Temp. (K) vs. voltage

	V Meas. (V)	T Meas. (K)	T Eq. (K)	T diff. (mK)
1	1.704474	1.20358	1.21692	-13.34
2	1.703496	1.29401	1.29355	0.46
3	1.702133	1.40487	1.39489	9.98
4	1.697673	1.69988	1.68882	11.06
5	1.691972	1.99820	1.99924	-1.05
6	1.682501	2.40331	2.41346	-10.15
7	1.671292	2.81714	2.82099	-3.85
8	1.659504	3.21628	3.21143	4.85
9	1.644077	3.70535	3.69876	6.58
10	1.627439	4.19756	4.19882	-1.26
11	1.597218	5.02145	5.02990	-8.45
12	1.557941	6.04197	6.03317	8.80
13	1.518911	7.04207	7.04534	-3.27
14	1.480982	8.05951	8.06348	-3.97
15	1.446513	9.07926	9.07282	6.44
16	1.415788	10.09791	10.09954	-1.63
17	1.388365	11.11192	11.11651	-4.59
18	1.363611	12.11527	12.10979	5.49
19	1.340774	13.11866	13.12121	-2.55
20	1.319626	14.11506	14.11461	0.45

Order of Fit = 10 RMS error of fit = 6.58 mK
Largest absolute error = -13.34 mK at data point no. 1



POLYNOMIAL EQUATION

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: 10 μ A \pm 0.05%

Polynomial Type: Chebychev
Useful Range of Fit:

12.1K to 25.0K
1.364 Volt to 1.123 Volt

Lower and Upper limits of voltage used in computing Chebychev coefficients:

ZL = 1.116703048 ZU = 1.415788044

Order	Coefficient	Std. Deviation of Coefficient	Ratio (Coeff./Std Dev.)
0	17.310929	7.3814E-03	2345.19
1	-7.801288	1.3248E-02	-588.87
2	0.484390	1.1341E-02	42.71
3	-0.038289	9.0157E-03	-4.25
4	0.184063	6.5426E-03	28.13
5	-0.215508	5.5874E-03	-38.57
6	0.176017	6.9661E-03	25.27
7	-0.098763	9.3324E-03	-10.58
8	0.081235	1.0317E-02	7.87
9	-0.019920	1.0204E-02	-1.95
10	0.035184	8.3255E-03	4.23

Z = voltage

$$X = ((Z-ZL)-(ZU-Z))/(ZU-ZL)$$

Temp. (K) = $\sum A_i \cdot \cos(i \cdot \arccos(X))$, where $0 \leq i \leq 10$
and the A_i 's are the coefficients in the table above.



POLYNOMIAL EQUATION

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: 10 μ A \pm 0.05%

Polynomial Type: Chebychev
Temp. (K) vs. voltage

	V Meas. (V)	T Meas. (K)	T Eq. (K)	T diff. (mK)
16	1.415788	10.09954	10.09805	-0.14
17	1.388365	11.11651	11.11034	1.58
18	1.363611	12.10979	12.12192	-6.64
19	1.340774	13.11866	13.10613	12.54
20	1.319626	14.11506	14.12219	-7.13
21	1.299738	15.10954	15.11757	-8.03
22	1.280903	16.09597	16.08959	6.38
23	1.262843	17.07902	17.06935	9.67
24	1.245312	18.06274	18.06588	-3.13
25	1.228090	19.04846	19.06066	-12.20
26	1.210881	20.03527	20.03658	-1.31
27	1.193044	21.02567	21.01050	15.17
28	1.177616	21.81664	21.81279	3.85
29	1.160367	22.61470	22.63501	-20.31
30	1.147237	23.20645	23.20983	-3.38
31	1.136058	23.81603	23.78896	27.07
32	1.128401	24.42139	24.41910	2.29
33	1.123492	25.02955	25.04961	-20.06
34	1.120108	25.64096	25.65074	-9.77
35	1.116703	26.45914	26.44559	13.55

Order of Fit = 10 RMS error of fit = 11.62 mK
Largest absolute error = 27.07 mK at data point no. 31



POLYNOMIAL EQUATION

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: 10 μ A \pm 0.05%

Polynomial Type: Chebychev
Useful Range of Fit:

25.0K to 140.K
1.123 Volt to 0.8904 Volt

Lower and Upper limits of voltage used in computing Chebychev coefficients:

ZL = 0.8239880939 ZU = 1.136057634

Order	Coefficient	Std. Deviation of Coefficient	Ratio (Coeff./Std Dev.)
0	95.484598	9.9695E-02	957.76
1	-75.729040	1.8732E-01	-404.28
2	-0.888621	1.5544E-01	-5.72
3	1.888957	1.0406E-01	18.15
4	1.641719	4.2849E-02	38.31
5	1.054503	2.1536E-02	48.97
6	0.616893	7.5981E-02	8.12
7	0.010605	1.1286E-01	0.09
8	0.121199	1.2559E-01	0.97
9	-0.241230	1.1271E-01	-2.14
10	-0.005765	8.1576E-02	-0.07
11	-0.117529	4.4273E-02	-2.65
12	-0.022263	1.5661E-02	-1.42

Z = voltage

$$X = ((Z-ZL)-(ZU-Z))/(ZU-ZL)$$

Temp. (K) = $\sum A_i \cdot \text{COS}(i \cdot \text{ARCCOS}(X))$, where $0 \leq i \leq 12$
and the A_i 's are the coefficients in the table above.



POLYNOMIAL EQUATION

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: 10 μ A \pm 0.05%

Polynomial Type: Chebychev
Temp. (K) vs. voltage

	V Meas. (V)	T Meas. (K)	T Eq. (K)	T diff. (mK)
31	1.136058	23.78896	23.81402	2.01
32	1.128401	24.41910	24.43251	-11.12
33	1.123492	25.04961	25.01841	11.14
34	1.120108	25.64096	25.63820	2.76
35	1.116703	26.45914	26.46487	-5.73
36	1.113999	27.26693	27.26729	-0.36
37	1.111610	28.08305	28.07845	4.60
38	1.108932	29.09899	29.09405	4.93
39	1.106490	30.10929	30.10901	0.28
40	1.102059	32.12847	32.13662	-8.14
41	1.096099	35.14579	35.15577	-9.98
42	1.090581	38.14867	38.15188	-3.20
43	1.083518	42.14791	42.13606	11.85
44	1.076542	46.14492	46.13045	14.47
45	1.065986	52.13762	52.14627	-8.65
46	1.055278	58.12801	58.14196	-13.95
47	1.044389	64.12680	64.12533	1.46
48	1.033308	70.12476	70.11417	10.60
49	1.022003	76.12894	76.12424	4.70
50	1.010523	82.11174	82.11737	-5.63
51	0.9987772	88.12031	88.12833	-8.02
52	0.9868749	94.10817	94.10492	3.26
53	0.9747701	100.09603	100.09058	5.45
54	0.9542250	110.09787	110.10117	-3.30
55	0.9227004	125.08205	125.08136	0.69
56	0.8903598	140.09689	140.09702	-0.12
57	0.8574444	155.08713	155.08711	0.02
58	0.8239881	170.08149	170.08149	0.00

Order of Fit = 12 RMS error of fit = 7.12 mK
Largest absolute error = 14.47 mK at data point no. 44



POLYNOMIAL EQUATION

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: 10 μ A \pm 0.05%

Polynomial Type: Chebychev
Useful Range of Fit:

140.K to 500.K
0.8904 Volt to 4.353e-2 Volt

Lower and Upper limits of voltage used in computing Chebychev coefficients:

ZL = 0.03668149431 ZU = 0.9542250253

Order	Coefficient	Std. Deviation of Coefficient	Ratio (Coeff./Std Dev.)
0	307.626215	2.2578E-03	136250.57
1	-193.599515	3.6507E-03	-53031.11
2	-2.040552	3.4292E-03	-595.05
3	-2.156742	3.2339E-03	-666.92
4	0.906232	3.1217E-03	290.30
5	-0.987888	2.9913E-03	-330.25
6	0.574770	2.8773E-03	199.76
7	-0.351970	2.7783E-03	-126.68
8	0.206118	2.7396E-03	75.24
9	-0.138889	2.7953E-03	-49.69
10	0.079254	2.8887E-03	27.44
11	-0.043118	3.0544E-03	-14.12
12	0.032349	3.1629E-03	10.23
13	-0.019127	3.1019E-03	-6.17
14	0.010960	3.1276E-03	3.50

Z = voltage

$$X = ((Z-ZL)-(ZU-Z))/(ZU-ZL)$$

Temp. (K) = $\sum A_i \cdot \cos(i \cdot \arccos(X))$, where $0 \leq i \leq 14$
and the A_i 's are the coefficients in the table above.



POLYNOMIAL EQUATION

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330
Sensor Excitation: 10 μ A \pm 0.05%

Polynomial Type: Chebychev
Temp. (K) vs. voltage

	V Meas. (V)	T Meas. (K)	T Eq. (K)	T diff. (mK)
54	0.9542250	110.10117	110.09810	-0.23
55	0.9227004	125.08136	125.08049	1.55
56	0.8903598	140.09702	140.10071	-3.82
57	0.8574444	155.08713	155.08382	3.31
58	0.8239881	170.08149	170.07992	1.57
59	0.7900932	185.06722	185.07039	-3.17
60	0.7558019	200.05199	200.05378	-1.79
61	0.7211127	215.05363	215.05134	2.29
62	0.6860572	230.07202	230.06981	2.21
63	0.6507869	245.06197	245.06157	0.40
64	0.6152322	260.06979	260.07288	-3.09
65	0.5795070	275.07317	275.07496	-1.80
66	0.5436554	290.06916	290.06862	0.54
67	0.5076795	305.06535	305.06285	2.50
68	0.4715392	320.07177	320.06918	2.59
69	0.4514397	328.38912	328.38485	4.27
70	0.4114602	344.83375	344.84825	-14.50
71	0.3748676	359.82255	359.82130	1.25
72	0.3380686	374.80130	374.79244	8.86
73	0.3010158	389.79203	389.78769	4.34
74	0.2637643	404.77349	404.78207	-8.58
75	0.2262897	419.77784	419.78362	-5.78
76	0.1888349	434.74983	434.74148	8.35
77	0.1515576	449.74750	449.74148	6.03
78	0.1152116	464.74763	464.76175	-14.12
79	8.129076e-2	479.73103	479.72569	5.34
80	6.117506e-2	489.71716	489.70576	11.41
81	4.398601e-2	499.70475	499.72591	-21.15
82	3.668149e-2	504.70381	504.69260	11.22

Order of Fit = 14 RMS error of fit = 7.32 mK
Largest absolute error = -21.15 mK at data point no. 81



INTERPOLATION TABLE

Calibration Report: 423009
 Sensor Model: DT-470-SD-13-1.4H
 Sensor Type: Silicon Diode
 Temperature Range: 1.40K to 500K

Sales Order: 13426
 Serial Number: D57330
 Sensor Excitation: 10 μ A \pm 0.05%

Temp (K)	Volts (V)	dV/dT (mV/K)	Temp (K)	Volts (V)	dV/dT (mV/K)
1.400	1.70220	-13.010	15.50	1.29219	-19.173
1.500	1.70083	-14.404	16.00	1.28270	-18.779
1.600	1.69932	-15.779	16.50	1.27340	-18.422
1.700	1.69767	-17.137	17.00	1.26427	-18.111
1.800	1.69589	-18.473	17.50	1.25528	-17.847
1.900	1.69398	-19.784	18.00	1.24642	-17.630
2.000	1.69193	-21.071	18.50	1.23764	-17.471
2.100	1.68976	-22.298	19.00	1.22893	-17.390
2.200	1.68748	-23.432	19.50	1.22024	-17.409
2.300	1.68508	-24.474	20.00	1.21150	-17.562
2.400	1.68259	-25.423	21.00	1.19352	-18.607
2.500	1.68000	-26.286	22.00	1.17380	-21.077
2.600	1.67733	-27.069	23.00	1.15169	-22.109
2.700	1.67459	-27.771	24.00	1.13338	-13.684
2.800	1.67178	-28.394	25.00	1.12369	-6.6188
2.900	1.66891	-28.953	26.00	1.11850	-4.2014
3.000	1.66599	-29.474	27.00	1.11484	-3.2417
3.100	1.66302	-29.960	28.00	1.11184	-2.8042
3.200	1.66000	-30.409	29.00	1.10918	-2.5338
3.300	1.65694	-30.837	30.00	1.10675	-2.3470
3.400	1.65383	-31.271	31.00	1.10447	-2.2036
3.500	1.65068	-31.710	32.00	1.10233	-2.0948
3.600	1.64749	-32.154	33.00	1.10027	-2.0133
3.700	1.64425	-32.605	34.00	1.09830	-1.9470
3.800	1.64097	-33.065	35.00	1.09638	-1.8959
3.900	1.63764	-33.539	36.00	1.09450	-1.8568
4.000	1.63426	-34.027	37.00	1.09266	-1.8247
4.200	1.62735	-35.046	38.00	1.09085	-1.7994
4.400	1.62025	-36.001	39.00	1.08906	-1.7800
4.600	1.61297	-36.776	40.00	1.08729	-1.7650
4.800	1.60555	-37.371	42.00	1.08378	-1.7478
5.000	1.59803	-37.785	44.00	1.08029	-1.7440
5.200	1.59044	-38.081	46.00	1.07680	-1.7480
5.400	1.58280	-38.351	48.00	1.07329	-1.7566
5.600	1.57510	-38.596	50.00	1.06977	-1.7652
5.800	1.56736	-38.815	52.00	1.06623	-1.7738
6.000	1.55958	-39.008	54.00	1.06267	-1.7825
6.500	1.54001	-39.159	56.00	1.05910	-1.7913
7.000	1.52053	-38.625	58.00	1.05551	-1.8002
7.500	1.50148	-37.498	60.00	1.05190	-1.8094
8.000	1.48311	-35.911	65.00	1.04279	-1.8355
8.500	1.46562	-34.053	70.00	1.03354	-1.8642
9.000	1.44906	-32.217	75.00	1.02415	-1.8939
9.500	1.43340	-30.443	77.35	1.01968	-1.9081
10.00	1.41859	-28.792	80.00	1.01460	-1.9242
10.50	1.40458	-27.295	85.00	1.00490	-1.9545
11.00	1.39126	-26.008	90.00	0.995063	-1.9812
11.50	1.37854	-24.896	95.00	0.985084	-2.0108
12.00	1.36635	-23.875	100.0	0.974965	-2.0347
12.50	1.35465	-22.947	105.0	0.964746	-2.0535
13.00	1.34339	-22.117	110.0	0.954428	-2.0740
13.50	1.33252	-21.376	115.0	0.944006	-2.0945
14.00	1.32200	-20.703	120.0	0.933485	-2.1134
14.50	1.31180	-20.104	125.0	0.922875	-2.1305
15.00	1.30188	-19.600	130.0	0.912183	-2.1463



INTERPOLATION TABLE

Calibration Report: 423009
 Sensor Model: DT-470-SD-13-1.4H
 Sensor Type: Silicon Diode
 Temperature Range: 1.40K to 500K

Sales Order: 13426
 Serial Number: D57330
 Sensor Excitation: 10 μ A \pm 0.05%

Temp (K)	Volts (V)	dV/dT (mV/K)	Temp (K)	Volts (V)	dV/dT (mV/K)
135.0	0.901414	-2.1614	330.0	0.447537	-2.4242
140.0	0.890571	-2.1757	335.0	0.435399	-2.4305
145.0	0.879658	-2.1893	340.0	0.423235	-2.4347
150.0	0.868679	-2.2022	345.0	0.411055	-2.4370
155.0	0.857637	-2.2143	350.0	0.398866	-2.4391
160.0	0.846537	-2.2257	355.0	0.386661	-2.4430
165.0	0.835381	-2.2367	360.0	0.374433	-2.4484
170.0	0.824171	-2.2471	365.0	0.362176	-2.4544
175.0	0.812911	-2.2570	370.0	0.349890	-2.4598
180.0	0.801602	-2.2665	375.0	0.337579	-2.4646
185.0	0.790246	-2.2755	380.0	0.325244	-2.4694
190.0	0.778847	-2.2842	385.0	0.312885	-2.4743
195.0	0.767405	-2.2926	390.0	0.300500	-2.4796
200.0	0.755922	-2.3006	395.0	0.288090	-2.4846
205.0	0.744399	-2.3085	400.0	0.275655	-2.4891
210.0	0.732837	-2.3162	405.0	0.263200	-2.4930
215.0	0.721237	-2.3236	410.0	0.250726	-2.4964
220.0	0.709601	-2.3308	415.0	0.238237	-2.4993
225.0	0.697930	-2.3376	420.0	0.225734	-2.5017
230.0	0.686226	-2.3439	425.0	0.213222	-2.5027
235.0	0.674491	-2.3500	430.0	0.200711	-2.5016
240.0	0.662727	-2.3558	435.0	0.188210	-2.4984
245.0	0.650933	-2.3615	440.0	0.175732	-2.4918
250.0	0.639112	-2.3668	445.0	0.163300	-2.4805
255.0	0.627266	-2.3715	450.0	0.150935	-2.4645
260.0	0.615398	-2.3756	455.0	0.138667	-2.4409
265.0	0.603510	-2.3794	460.0	0.126544	-2.4069
270.0	0.591605	-2.3829	465.0	0.114615	-2.3628
273.15	0.584095	-2.3850	470.0	0.102941	-2.3036
275.0	0.579682	-2.3862	475.0	9.16106e-2	-2.2255
280.0	0.567743	-2.3893	480.0	8.07175e-2	-2.1286
285.0	0.555789	-2.3922	485.0	7.03595e-2	-2.0110
290.0	0.543821	-2.3948	490.0	6.06446e-2	-1.8714
295.0	0.531840	-2.3974	495.0	5.16753e-2	-1.7139
300.0	0.519846	-2.4003	500.0	4.35291e-2	-1.5421
305.0	0.507837	-2.4035			
310.0	0.495811	-2.4068			
315.0	0.483769	-2.4099			
320.0	0.471712	-2.4128			
325.0	0.459639	-2.4171			



BREAKPOINTS 340 FORMAT

Calibration Report: 423009
Sensor Model: DT-470-SD-13-1.4H
Sensor Type: Silicon Diode
Temperature Range: 1.40K to 500K

Sales Order: 13426
Serial Number: D57330

Name: DT-470-SD-13-1.4H
Serial number: D57330
Format: 2 ;Volts/Kelvin
Limit: 500.
Coefficient: 1 ;Negative

Point 1: 4.34008e-02,500.000	Point 56: 1.12029, 25.600
Point 2: 5.33276e-02,494.000	Point 57: 1.12185, 25.300
Point 3: 6.43605e-02,488.000	Point 58: 1.12367, 25.000
Point 4: 7.85011e-02,481.000	Point 59: 1.12586, 24.700
Point 5: 9.15760e-02,475.000	Point 60: 1.12858, 24.400
Point 6: .105207,469.000	Point 61: 1.13201, 24.100
Point 7: .122898,461.500	Point 62: 1.13626, 23.800
Point 8: .145969,452.000	Point 63: 1.14140, 23.500
Point 9: .184414,436.500	Point 64: 1.14941, 23.100
Point 10: .262002,405.500	Point 65: 1.16963, 22.200
Point 11: .322821,381.000	Point 66: 1.18206, 21.600
Point 12: .380599,357.500	Point 67: 1.19545, 20.900
Point 13: .450005,329.000	Point 68: 1.20978, 20.100
Point 14: .505456,306.000	Point 69: 1.24462, 18.100
Point 15: .559399,283.500	Point 70: 1.26153, 17.150
Point 16: .608290,263.000	Point 71: 1.27706, 16.300
Point 17: .649775,245.500	Point 72: 1.29120, 15.550
Point 18: .686249,230.000	Point 73: 1.30480, 14.850
Point 19: .720098,215.500	Point 74: 1.31785, 14.200
Point 20: .751339,202.000	Point 75: 1.33035, 13.600
Point 21: .781152,189.000	Point 76: 1.34335, 13.000
Point 22: .808413,177.000	Point 77: 1.35576, 12.450
Point 23: .834284,165.500	Point 78: 1.36870, 11.900
Point 24: .858766,154.500	Point 79: 1.38225, 11.350
Point 25: .880771,144.500	Point 80: 1.39515, 10.850
Point 26: .901434,135.000	Point 81: 1.40865, 10.350
Point 27: .920762,126.000	Point 82: 1.42144, 9.900
Point 28: .938777,117.500	Point 83: 1.43487, 9.450
Point 29: .955485,109.500	Point 84: 1.44900, 9.000
Point 30: .971929,101.500	Point 85: 1.46387, 8.550
Point 31: .984087, 95.500	Point 86: 1.47948, 8.100
Point 32: .993088, 91.000	Point 87: 1.49768, 7.600
Point 33: 1.00197, 86.500	Point 88: 1.52239, 6.950
Point 34: 1.01075, 82.000	Point 89: 1.57440, 5.620
Point 35: 1.01940, 77.500	Point 90: 1.60412, 4.840
Point 36: 1.02793, 73.000	Point 91: 1.62247, 4.340
Point 37: 1.03634, 68.500	Point 92: 1.63361, 4.020
Point 38: 1.04463, 64.000	Point 93: 1.64297, 3.740
Point 39: 1.05408, 58.800	Point 94: 1.65229, 3.450
Point 40: 1.06304, 53.800	Point 95: 1.66124, 3.160
Point 41: 1.07189, 48.800	Point 96: 1.66894, 2.900
Point 42: 1.08728, 40.000	Point 97: 1.67544, 2.670
Point 43: 1.09156, 37.600	Point 98: 1.68081, 2.470
Point 44: 1.09505, 35.700	Point 99: 1.68535, 2.290
Point 45: 1.09809, 34.100	Point 100: 1.68911, 2.130
Point 46: 1.10067, 32.800	Point 101: 1.69216, 1.990
Point 47: 1.10316, 31.600	Point 102: 1.69477, 1.860
Point 48: 1.10536, 30.600	Point 103: 1.69717, 1.730
Point 49: 1.10745, 29.700	Point 104: 1.69917, 1.610
Point 50: 1.10943, 28.900	Point 105: 1.70084, 1.500
Point 51: 1.11128, 28.200	Point 106: 1.70221, 1.400
Point 52: 1.11328, 27.500	
Point 53: 1.11516, 26.900	
Point 54: 1.11691, 26.400	
Point 55: 1.11849, 26.000	



BREAKPOINTS 91C/93C/330 FORMAT

Calibration Report: 423009

Sales Order: 13426

Sensor Model: DT-470-SD-13-1.4H

Serial Number: D57330

Sensor Type: Silicon Diode

Temperature Range: 1.40K to 500K

Interpolation Method: Straight Line

Limit: 500. (Kelvin)

Format: 2 (Volts/Kelvin)

Number of Breakpoints: 40

No.	Units	Temperature (K)	No.	Units	Temperature (K)
1	4.35300e-02	500.0	21	1.01468	80.0
2	5.16800e-02	495.0	22	1.04286	65.0
3	6.06400e-02	490.0	23	1.06984	50.0
4	7.03600e-02	485.0	24	1.09257	37.0
5	8.07200e-02	480.0	25	1.10224	32.0
6	9.16100e-02	475.0	26	1.10911	29.0
7	0.102940	470.0	27	1.11479	27.0
8	0.126490	460.0	28	1.11850	26.0
9	0.175620	440.0	29	1.12369	25.0
10	0.288210	395.0	30	1.13338	24.0
11	0.386780	355.0	31	1.15169	23.0
12	0.483870	315.0	32	1.19400	21.0
13	0.603620	265.0	33	1.28200	16.0
14	0.686310	230.0	34	1.34268	13.0
15	0.756020	200.0	35	1.40366	10.5
16	0.812970	175.0	36	1.48146	8.0
17	0.868780	150.0	37	1.62875	4.2
18	0.912240	130.0	38	1.68382	2.4
19	0.954530	110.0	39	1.70138	1.5
20	0.985120	95.0	40	1.70220	1.4



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