



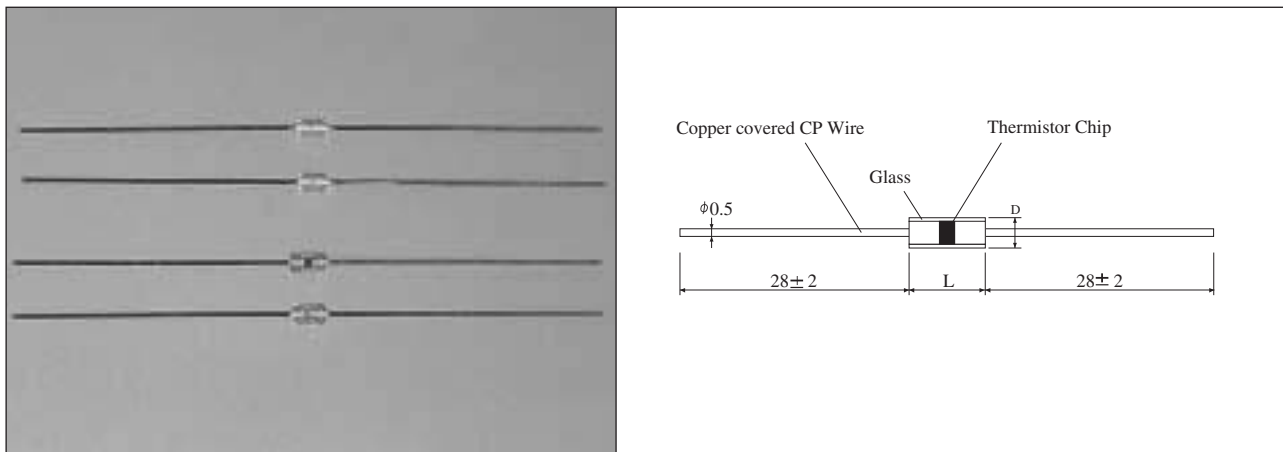
# Axial Lead Type Thermistors

Model No. NDH is axial lead glass sealed high temperature thermistors.

## ■ Features

- Glass sealed high temperature and reliability thermistor.
- Wide temperature range for appliances, air-conditioners and automobiles.

Operating Temp. Range;  $-40^{\circ}\text{C} \sim 300^{\circ}\text{C}$



Model No.	Resistance Value R25°C (Ω)	B-Constant 25/85(K)	Dimensions		# 1 Dissipation Constant (mW/°C)	# 1 Thermal Time Constant (Sec.)
			L(mm)	D(mm)		

# 1 : in still air

### ◆ Model No. NDH1

NDH1402J354G	4 k	3540	$3.6 \pm 0.5$	$1.9 \pm 0.15$	2.5 Max.	17 Max.
NDH1502J354G	5 k	3540				
NDH1203J396G	20 k	3960				

### ◆ Model No. NDH2

NDH2102J354G	1 k	3540	$3.8 \pm 0.5$	$2.1 \pm 0.15$	2.5 Max.	17 Max.
NDH2202J354G	2 k	3540				
NDH2103J354G	10 k	3540				
NDH2303J396G	30 k	3960				
NDH2503J396G	50 k	3960				
NDH2104J396G	100 k	3960				
NDH2204J400G	200 k	4000				
NDH2304J400G	300 k	4000				



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◆ Model No. NDH R-T table

Model No.	Parts number			
NDH1				
NDH2	NDH2202J354G	NDH2103J396G	NDH2503J396G	NDH2104J396G
R25	2kΩ	10kΩ	50kΩ	100kΩ
B25/85(K)	3540	3960	3960	3960
T(°C)	R <sub>T</sub> (kΩ)	R <sub>T</sub> (kΩ)	R <sub>T</sub> (kΩ)	R <sub>T</sub> (kΩ)
-30	25.39	179.0	819.8	1,735
-25	19.42	131.90	659.5	1,283
-20	14.97	98.10	490.5	958.5
-15	11.64	73.63	368.1	722.2
-10	9.115	55.75	278.8	548.9
-5	7.188	42.56	212.8	420.5
0	5.707	32.74	163.7	324.7
5	4.568	25.43	127.1	252.8
10	3.681	19.91	99.58	198.4
15	2.985	15.17	78.58	156.8
20	2.436	12.49	62.46	124.8
25	2.000	10.00	50.00	100.0
30	1.650	8.057	40.28	80.62
35	1.370	6.533	32.66	65.38
40	1.142	5.329	26.64	53.33
45	0.9578	4.372	21.86	43.74
50	0.8065	3.606	18.03	36.06
55	0.6825	2.992	14.96	29.90
60	0.5801	2.495	12.47	24.91
65	0.4952	2.091	10.45	20.86
70	0.4244	1.761	8.805	17.54
75	0.3652	1.489	7.446	14.82
80	0.3154	1.265	6.325	12.57
85	0.2734	1.078	5.394	10.71
90	0.2378	0.9238	4.619	9.162
95	0.2075	0.7940	3.970	7.865
100	0.1817	0.6849	3.424	6.775
105	0.1596	0.5933	2.966	5.857
110	0.1406	0.5157	2.578	5.082
115	0.1243	0.4499	2.249	4.424
120	0.1102	0.3938	1.969	3.864
125	0.0980	0.3458	1.729	3.386
130	0.0874	0.3046	1.523	2.976
135	0.0781	0.2691	1.345	2.624
140	0.0700	0.2384	1.192	2.320
145	0.0629	0.2118	1.059	2.056
150	0.0567	0.1887	0.9436	1.828
155		0.1685	0.8428	1.629
160		0.1509	0.7546	1.455
165		0.1355	0.6773	1.303
170		0.1219	0.6094	1.170
175		0.1099	0.5495	1.052
180		0.0993	0.4966	0.9491
185		0.0899	0.4497	0.8575
190		0.0816	0.4081	0.7763
195		0.0742	0.3710	0.7042
200		0.0676	0.3380	0.6400
205		0.0617	0.3086	0.5833
210		0.0565	0.2823	0.5326
215		0.0517	0.2588	0.4872
220		0.0475	0.2376	0.4465
225		0.0437	0.2185	0.4099
230		0.0402	0.2013	0.3770
235		0.0371	0.1857	0.3472
240		0.0343	0.1716	0.3204
245		0.0317	0.1588	0.2961
250		0.0294	0.1472	0.2740
255		0.0273	0.1366	0.2540
260		0.0254	0.1270	0.2357
265		0.0236	0.1182	0.2191
270		0.0220	0.1102	0.2039
275		0.0205	0.1028	0.1900
280		0.0192	0.0960	0.1773
285		0.0179	0.0898	0.1657
290		0.0168	0.0841	0.1550
295		0.0157	0.0789	0.1452
300		0.0148	0.0741	0.1361