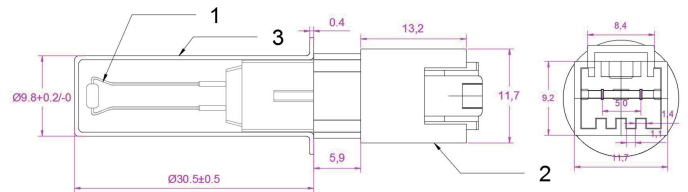
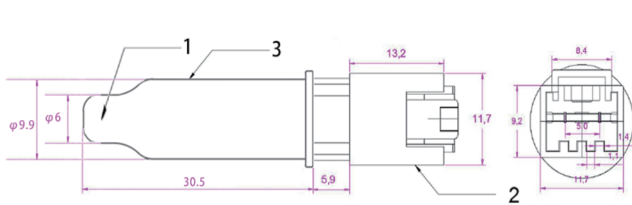
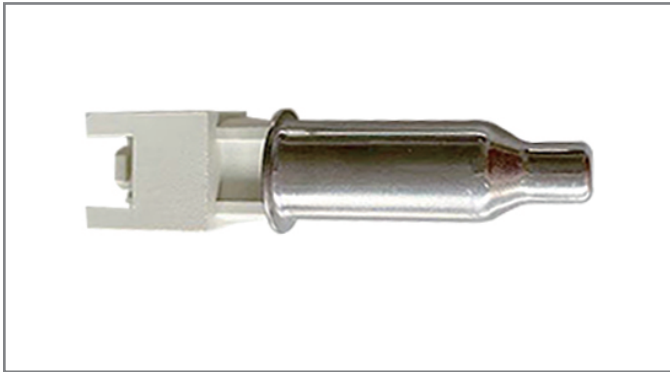


# TEMPERATURE SENSOR PROBE SERIES

NTC Sensor -Probe Assembly with Plastic Housing

Model: GDSN25P066

The temperature sensor adopt NTC thermistor chips and encapsulated in epoxy resin, the sensor has high stability and fast response.Used in washer machine, heater,etc.



Product parameters		
1.Chip	PT/PTC/NTC thermistor	PT/PTC/NTC thermistor
2.Connector Housing	Rast 2.5 gray off white adhesive base (7462A)	Rast 2.5 gray off white adhesive base (7462A)
3.Probe Material	304 stainless steel $\phi$ 9.9* 6 * 30.5mm pointed head	304 stainless steel $\phi$ 9.8 * 12.4* 30.5mm flat head

Electrical Specifications	
R(70)	8.514K $\Omega$ $\pm$ 3%
B(25/100)	3950K $\pm$ 1.5%
Operating temp.Range( $^{\circ}$ C)	-10 to +100 $^{\circ}$ C
Response time in liquid	Max 20s
Insulation test	DC500V $\geq$ 100M $\Omega$ 2s
Voltage withstand test	3750V AC 10mA 1S

Note: All parameters can be customized

## FEATURES

- Good stability and high reliability
- High sensitivity and fast reaction speed
- Wide temperature range from -10  $^{\circ}$ C to +100 $^{\circ}$ C
- Wide resistance range: 5K $\Omega$ -500K $\Omega$
- Resistant to corrosive atmospheres and harsh environments
- Convenient installation

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# NTC THERMISTOR SERIES

High accuracy / Stable performance / Quick response

R60=8.514KΩ±3% B25/100=3950K±1.5%

Temp. (deg. C)	Rnor (k Ohms)	Temp. (deg. C)	Rnor (k Ohms)	Temp. (deg. C)	Rnor (k Ohms)	Temp. (deg. C)	Rnor (k Ohms)
-40	1404.2883	-4	180.6532	32	35.1369	68	9.1152
-39	1317.0089	-3	171.7858	33	33.7279	69	8.8088
-38	1235.734	-2	163.4043	34	32.3823	70	<b>8.514</b>
-37	1160.0118	-1	155.4795	35	31.0972	71	8.2304
-36	1089.4286	0	147.9839	36	29.8694	72	7.9575
-35	1023.6025	1	140.8921	37	28.6962	73	7.6949
-34	962.1835	2	134.18	38	27.5748	74	7.4421
-33	904.8491	3	127.8252	39	26.5028	75	7.1986
-32	851.3019	4	121.807	40	25.4777	76	6.9642
-31	801.2686	5	116.1055	41	24.4972	77	6.7385
-30	754.4968	6	110.7025	42	23.5592	78	6.521
-29	710.754	7	105.5807	43	22.6617	79	6.3115
-28	669.8254	8	100.724	44	21.8027	80	6.1097
-27	631.5129	9	96.1173	45	20.9803	81	5.9151
-26	595.6335	10	91.7465	46	20.193	82	5.7276
-25	562.0178	11	87.5982	47	19.4389	83	5.5468
-24	530.5095	12	83.6598	48	18.7166	84	5.3725
-23	500.9638	13	79.9198	49	18.0246	85	5.2044
-22	473.2468	14	76.3671	50	17.3614	86	5.0423
-21	447.2346	15	72.9913	51	16.7257	87	4.8859
-20	422.812	16	69.7827	52	16.1163	88	4.735
-19	399.8726	17	66.7323	53	15.532	89	4.5895
-18	378.3177	18	63.8313	54	14.9715	90	4.4489
-17	358.0557	19	61.0717	55	14.4339	91	4.3133
-16	339.0013	20	58.4459	56	13.9181	92	4.1824
-15	321.0757	21	55.9468	57	13.4231	93	4.056
-14	304.2055	22	53.5676	58	12.948	94	3.9339
-13	288.3225	23	51.3019	59	12.4919	95	3.816
-12	273.3633	24	49.1437	60	12.054	96	3.7022
-11	259.2688	25	47.0875	61	11.6333	97	3.5922
-10	245.9843	26	45.1279	62	11.2293	98	3.4859
-9	233.4585	27	43.2598	63	10.8412	99	3.3832
-8	221.6438	28	41.4787	64	10.4682	100	3.2839
-7	210.4959	29	39.7799	65	10.1097	101	3.1879
-6	199.9735	30	38.1593	66	9.7651	102	3.0952
-5	190.0379	31	36.6129	67	9.4338	103	3.0055