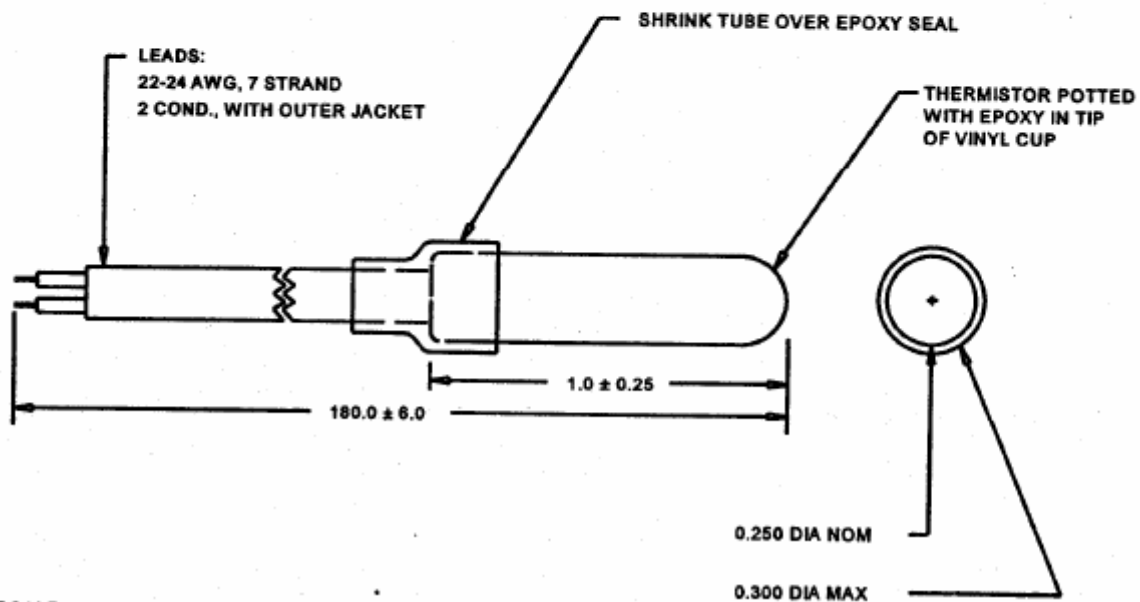


T280R Specifications

SPECIFICATIONS	
Resistance @ 25 °C (R_{25})	100 K Ω
Tolerance (0 °C to 70 °C)	0.2 °C
Resistance/Temperature Curve	(see sheet 2)
Dissipation Constant (of thermistor only)	1 mW/°C min. (in still air)
Time Constant (of thermistor only)	10 seconds max. (in still air)
Temperature Rating	-40 °C to +60 °C max.
Cable Type	22-24 AWG, 7 strand, 2 cond. w/ outer jacket Strip jacket 1" \pm 0.25" Strip conductors 0.25" \pm 0.062"
Cable Jacket and Probe Color	Grey



SCALE: 2=1
ALL DIMENSIONS IN INCHES.

TEMPERATURE CURVE DATA

Temp (°C)	Resistance (Ohms)	Temp (°C)	Resistance (Ohms)	Temp (°C)	Resistance (Ohms)	Temp (°C)	Resistance (Ohms)	Temp (°C)	Resistance (Ohms)
-55	9,637,300	-13	652,420	29	84,084	71	16,928	113	4,702
-54	8,952,300	-12	617,320	30	80,568	72	16,362	114	4,574
-53	8,320,400	-11	584,310	31	77,218	73	15,820	115	4,452
-52	7,737,100	-10	553,260	32	74,026	74	15,296	116	4,334
-51	7,198,600	-9	524,040	33	70,984	75	14,794	117	4,220
-50	6,700,900	-8	496,540	34	68,082	76	14,310	118	4,108
-49	6,240,900	-7	470,640	35	65,314	77	13,846	119	4,000
-48	5,815,400	-6	446,250	36	62,676	78	13,398	120	3,896
-47	5,421,700	-5	423,260	37	60,156	79	12,966	121	3,794
-46	5,057,100	-4	401,580	38	57,752	80	12,552	122	3,696
-45	4,719,400	-3	381,150	39	55,456	81	12,152	123	3,600
-44	4,406,300	-2	361,870	40	53,264	82	11,768	124	3,508
-43	4,116,000	-1	343,680	41	51,170	83	11,398	125	3,420
-42	3,846,700	0	326,500	42	49,170	84	11,040	126	3,332
-41	3,596,700	1	310,290	43	47,258	85	10,698	127	3,248
-40	3,364,500	2	294,980	44	45,432	86	10,366	128	3,166
-39	3,148,800	3	280,510	45	43,684	87	10,046	129	3,088
-38	2,948,200	4	266,840	46	42,014	88	9,738	130	3,010
-37	2,761,700	5	253,910	47	40,416	89	9,440	131	2,936
-36	2,588,200	6	241,690	48	38,888	90	9,154	132	2,864
-35	2,426,600	7	230,120	49	37,424	91	8,878	133	2,792
-34	2,276,100	8	219,170	50	36,024	92	8,612	134	2,724
-33	2,135,900	9	208,810	51	34,684	93	8,354	135	2,658
-32	2,005,200	10	198,990	52	33,400	94	8,106	136	2,594
-31	1,883,300	11	189,700	53	32,170	95	7,866	137	2,532
-30	1,769,600	12	180,890	54	30,990	96	7,634	138	2,470
-29	1,663,400	13	172,540	55	29,862	97	7,412	139	2,412
-28	1,564,300	14	164,620	56	28,780	98	7,196	140	2,354
-27	1,471,600	15	157,110	57	27,742	99	6,988	141	2,298
-26	1,385,000	16	149,980	58	26,748	100	6,786	142	2,244
-25	1,304,100	17	143,220	59	25,794	101	6,592	143	2,192
-24	1,228,400	18	136,800	60	24,878	102	6,404	144	2,140
-23	1,157,500	19	130,710	61	24,000	103	6,222	145	2,090
-22	1,091,100	20	124,920	62	23,158	104	6,046	146	2,042
-21	1,029,000	21	119,420	63	22,350	105	5,876	147	1,994
-20	970,720	22	114,190	64	21,572	106	5,712	148	1,948
-19	916,130	23	109,220	65	20,828	107	5,554	149	1,904
-18	864,940	24	104,500	66	20,112	108	5,400	150	1,861
-17	816,890	25	100,000	67	19,414	109	5,250		
-16	771,830	26	95,722	68	18,762	110	5,106		
-15	729,510	27	91,650	69	18,128	111	4,968		
-14	689,770	28	87,774	70	17,516	112	4,832		