



**NOTES:**

- RESISTANCE @ 25°C :  $47\text{K}\Omega \pm 1\%$ .
- BETA VALUE (0/50°C) :  $3892\text{K} \pm 1\%$
- OPERATING TEMPERATURE RANGE : -40°C TO +135°C.
- DISSIPATION FACTOR :  $1.5\text{mW}/^\circ\text{C}$
- THERMAL TIME CONSTANT : LESS THAN 3SECONDS IN WATER
- INSULATION RESISTANCE :  $10\text{M}\Omega$  AT 100 VDC

**RESISTANCE VS TEMPERATURE CHARACTERISTICS:**

Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)	Temp(°C)	R min (KΩ)	R nom (KΩ)	R max (KΩ)
-40	1458	1525	1595	50	16.56	16.9	17.24
-35	1062	1107	1154	55	13.69	14	14.31
-30	782.1	812.9	844.8	60	11.38	11.65	11.94
-25	581.6	602.7	624.4	65	9.501	9.749	10
-20	436.6	451	466	70	7.969	8.191	8.419
-15	329.8	339.8	350.1	75	6.713	6.912	7.116
-10	251.4	258.3	265.4	80	5.679	5.857	6.04
-5	193.3	198.1	203	85	4.824	4.983	5.147
0	149.8	153.1	156.5	90	4.114	4.256	4.403
5	116.9	119.1	121.5	95	3.521	3.648	3.78
10	91.850	93.420	95.010	100	3.024	3.138	3.257
15	72.730	73.800	74.870	105	2.606	2.709	2.815
20	57.980	58.700	59.420	110	2.253	2.345	2.441
25	46.530	47.000	47.470	115	1.955	2.037	2.123
30	37.410	37.870	38.330	120	1.7	1.775	1.852
35	30.260	30.700	31.140	125	1.484	1.551	1.62
40	24.620	25.020	25.430	130	1.268	1.327	1.388
45	20.140	20.510	20.890	135	1.052	1.103	1.156

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