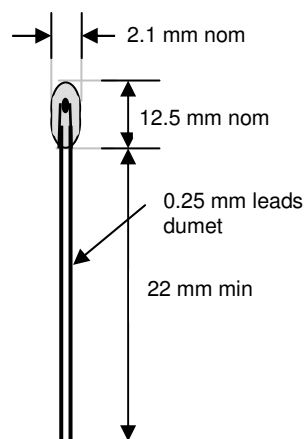


# Bead Thermistors Data Sheet – RPGP-102K – 1K



Sr No	Parameters	1K
1	Resistance @ 25°C	1 K
2	Tolerance	± 10 %
3	B ( 25/85 )	3474 ± 3 %
4	Ratio R0 / R50	6.4
5	Ratio R25 / R125 ( nom )	16.8
6	Operating Temp	- 55°C to +150°C
7	Time Constant (nom)	22 secs
8	Dissipation Constant (nom)	1.7 mW/°C
9	Note  As the Resistance is low, it is not recommended for use above 150 °C / 100 °C	

*Specifications can be fully customized*

Temp °C	1K	
	R <sub>t</sub> K Ω	α %/°C
-50	36.40	-6.2%
-40	20.05	-5.8%
-30	11.52	-5.4%
-20	6.888	-5.1%
-10	4.261	-4.7%
0	2.722	-4.4%
10	1.788	-4.2%
20	1.206	-3.9%
25	1.000	-3.8%
30	0.833	-3.7%
40	0.588	-3.5%
50	0.424	-3.3%
60	0.311	-3.1%
70	0.232	-2.9%
80	0.176	-2.8%
90	0.135	-2.7%
100	0.106	-2.5%
110	0.083	-2.4%
120	0.067	-2.3%
130	0.053	-2.2%
140	0.043	-2.1%
150	0.036	-2.0%