

Application Note

Galway Steinhart Coefficients, A, B and C constants for Standard Part Numbers

Part No.	"A" Constant	"B" Constant	"C" Constant	Temperature reference points °C
0.1K1A	1.942952x10 ⁻³	2.989769x10 ⁻⁴	3.504383x10 ⁻⁷	-20°C, 25°C and 50°C
0.3K1A	1.627660x10 ⁻³	2.933316x10 ⁻⁴	2.870016x10 ⁻⁷	-20°C, 25°C and 50°C
1K2A	1.373168x10 ⁻³	2.772261x10 ⁻⁴	1.997412x10 ⁻⁷	-20°C, 25°C and 50°C
1K7A	1.446059x10 ⁻³	2.683626x10 ⁻⁴	1.643561x10 ⁻⁷	-20°C, 25°C and 50°C
2K3A	1.498872x10 ⁻³	2.379047x10 ⁻⁴	1.066953x10 ⁻⁷	0°C, 25°C and 70°C
2.2K3A	1.471388x10 ⁻³	2.376138x10 ⁻⁴	1.051058x10 ⁻⁷	0°C, 25°C and 70°C
3K3A	1.405027x10 ⁻³	2.369386x10 ⁻⁴	1.012660x10 ⁻⁷	0°C, 25°C and 70°C
5K3A	1.287450x10 ⁻³	2.357394x10 ⁻⁴	9.505200x10 ⁻⁸	0°C, 25°C and 70°C
10K3A	1.129241x10 ⁻³	2.341077x10 ⁻⁴	8.775468x10 ⁻⁸	0°C, 25°C and 70°C
10K4A	1.028444x10 ⁻³	2.392435x10 ⁻⁴	1.562216x10 ⁻⁷	0°C, 25°C and 70°C
30K5A	9.331754x10 ⁻⁴	2.213978x10 ⁻⁴	1.263817x10 ⁻⁷	0°C, 25°C and 70°C
30K6A	1.068981x10 ⁻³	2.120700x10 ⁻⁴	9.019537x10 ⁻⁸	0°C, 25°C and 70°C
50K6A	9.657154x10 ⁻⁴	2.106840x10 ⁻⁴	8.585481x10 ⁻⁸	0°C, 25°C and 70°C
100K6A	8.271111x10 ⁻⁴	2.088020x10 ⁻⁴	8.059200x10 ⁻⁸	0°C, 25°C and 70°C
1M9A	7.402387x10 ⁻⁴	1.760865x10 ⁻⁴	6.865999x10 ⁻⁸	25°C, 100°C and 150°C