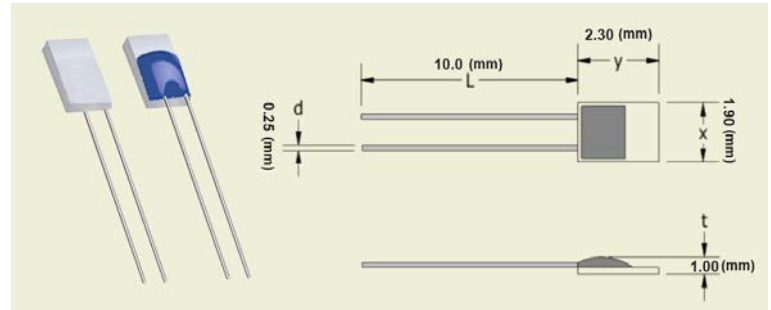


RPT1003L THIN FILM PLATINUM RTD ELEMENT

- * 1000 ohms at 0°C
- * 3850 ppm/K Temp. Coefficient of Resistance
- * Temperature Range -50°C to +400°C
- * Designed for large quantity applications



STI PART NUMBER	DIN CLASS
RPT1003LA1	A
RPT1003LB1	B
RPT1003LC1	1/3 B

DIMENSIONS	(mm)
x	1.90
y	2.30
t	1.0
L	10.0
d	0.25

(°C)	Resistance (Ω)	DIN Class A		DIN Class B	
		± °C	± ohms	± °C	± ohms
-50	8,034	0.25	0.99	0.55	2.18
-25	902	0.20	0.79	0.43	1.67
0	1,000	0.15	0.59	0.30	1.17
25	1,097	0.20	0.77	0.43	1.65
50	1,194	0.25	0.96	0.55	2.12
75	1,290	0.30	1.15	0.68	2.58
100	1,385	0.35	1.33	0.80	3.03
125	1,479	0.40	1.51	0.93	3.48
150	1,573	0.45	1.68	1.05	3.92
175	1,666	0.50	1.85	1.18	4.36
200	1,758	0.55	2.02	1.30	4.78
225	1,850	0.60	2.19	1.43	5.20
250	1,941	0.65	2.35	1.55	5.61
275	2,031	0.70	2.51	1.68	6.01
300	2,120	0.75	2.67	1.80	6.41
325	2,209	0.80	2.83	1.93	6.80
350	2,297	0.85	2.98	2.05	7.18
375	2,384	0.90	3.13	2.18	7.56
400	2,471	0.95	3.27	2.30	7.93
425	2,557	1.00	3.42	2.43	8.29
450	2,648	1.05	3.56	2.55	8.64
475	2,726	1.10	3.70	2.68	8.99
500	2,810	1.15	3.83	2.80	9.33

** This table available in other temperature ranges and increments.

- * Lead wire material is silver plated palladium
Suitable for soldering or brazing
- * Suggested measuring current:
0.1 mA to 0.3 mA to prevent self-heating
- * Operating temperature range (continuous):
DIN Class B: -50°C to +400°C
DIN Class A: -50°C to +300°C
DIN Class 1/3B: 0°C to +150°C

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SENSING TECHNOLOGIES, INC.

5582 Enterprise Parkway, Fort Myers, FL 33905 ♦ Tel: 239-600-6633 ♦ Fax: (814) 834-9483
Email: sales@sensing-tech.com ♦ www.sensing-tech.com