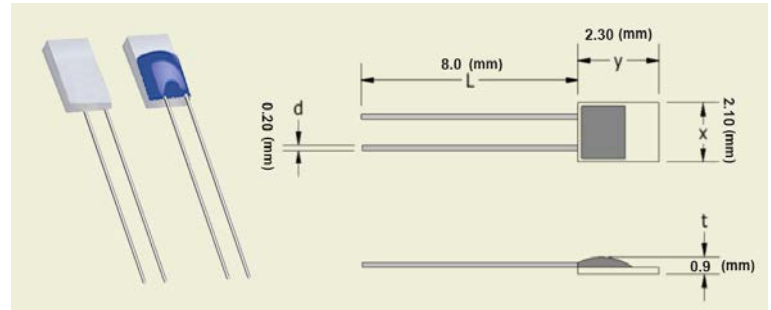


RPT1003M THIN FILM PLATINUM RTD ELEMENT

- * 1000 ohms at 0°C
- * 3850 ppm/K Temp. Coefficient of Resistance
- * Temperature Range -70°C to +500°C
- * Can be used up to 550°C intermittent
- * Designed for large quantity applications



STI PART NUMBER	DIN CLASS
RPT1003MB1	B
RPT1003M2B1	2B

DIMENSIONS	(mm)
x	2.10
y	2.30
t	0.9
L	8.0
d	0.20

(°C)	Resistance (Ω)	DIN Class B		DIN Class 2B	
		± °C	± ohms	± °C	± ohms
-50	808	0.55		1.10	
-25	904	0.43		0.86	
0	1,000	0.30		0.60	
25	1,095	0.43		0.86	
50	1,189	0.55		1.10	
75	1,282	0.68		1.36	
100	1,375	0.80		1.60	
125	1,467	0.93		1.86	
150	1,558	1.05		2.10	
175	1,648	1.18		2.36	
200	1,738	1.30		2.60	
225	1,827	1.43		2.86	
250	1,915	1.55		3.10	
275	2,002	1.68		3.36	
300	2,089	1.80		3.60	
325	2,175	1.93		3.86	
350	2,260	2.05		4.10	
375	2,344	2.18		4.36	
400	2,427	2.30		4.60	
425	2,510	2.43		4.86	
450	2,592	2.55		5.10	
475	2,674	2.68		5.36	
500	2,755	2.80		5.60	

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

- * Lead wire material is platinum clad nickel
Suitable for welding, crimping or brazing
- * Suggested measuring current:
0.1 mA to 0.3 mA to prevent self-heating
- * Operating temperature range (continuous):
DIN Class B: -70°C to +500°C
DIN Class 2B: -70°C to +500°C

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