



P1K0.161.6W.Y.010

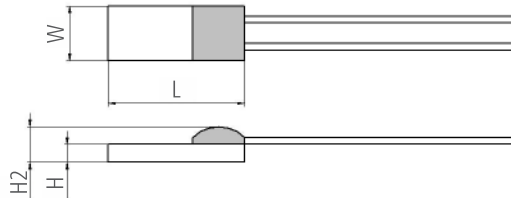
Platinum sensor with wires

For high temperatures

Benefits & Characteristics

- Excellent long-term stability
- Low self-heating
- Fast response time
- Small dimensions
- Vibration and temperature shock resistant

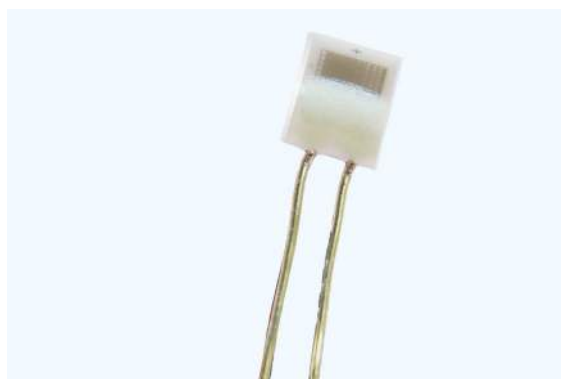
Illustration¹⁾



Technical Data

Operating temperature range:	-200 °C to +600 °C	
Nominal resistance:	1000 Ω at 0 °C	
Characteristics curve:	3850 ppm/K	
Long-term stability:	< 0.04 % at 1000 h at maximal operating temperature	
Tolerance class (dependent on temperature range):	IEC 60751 F0.1	Y (IST AG reference)
Connection:	Pt-cladded Ni-wire, $\varnothing$ 0.2 mm (solderable, weldable, crimpable, brazeable), 10 mm long	
Dimensions:	1.6 x 1.2 x 0.25 / 0.6	
Tolerance (chip):	L $\pm$ 0.2 mm, W $\pm$ 0.2 mm, H $\pm$ 0.1 mm, H2 $\pm$ 0.3 mm	

Product Photo





Order Information

Description:	Item number:	Former main reference:
P1K0.161.6W.Y.010	100247	010.00222

Additional Documents

	Document name:
Application Note:	ATP_E



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