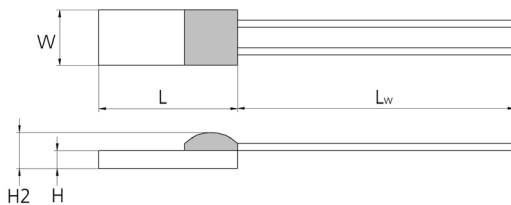# PW0K1.216.7W.B.007
Platinum sensor with wires
For extended operating temperature range in class B

Benefits & Characteristics

- Capable of measuring in class A up to +600 °C
- Increased long-term stability
- Alternative to wire-wound sensors
- Short-term applicable up to +750 °C

- Very stable characteristics curve
- Available with same dimensions as a wire-wound sensor
- Very low hysteresis
- ESD optimized

Technical Data

Operating temperature range:	-200 °C to +600 °C
Nominal resistance:*	100 Ω at 0 °C
Characteristics curve:*	3850 ppm/K
Long-term stability:	< 0.04 % at 1000 h at maximal operating temperature
Tolerance class:*	IEC 60751 F0.3 B (IST AG reference)
Connection:*	Pt-wire, Ø 0.2 mm (solderable, weldable, crimpable, brazeable), 7 mm long
Dimensions (L x W x H /H2) in mm:	2.4 x 1.4 x 0.45 / 0.8
Tolerance (chip):	W ±0.2 mm, L ±0.2 mm, H ±0.1 mm, H2 ±0.3 mm
Special:	ESD optimized design

Order Information

Description:	Order code:
PW1K0.216.7W.B.007	153523

Additional Documents

	Document name:
Application Note:	ATP_E

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