



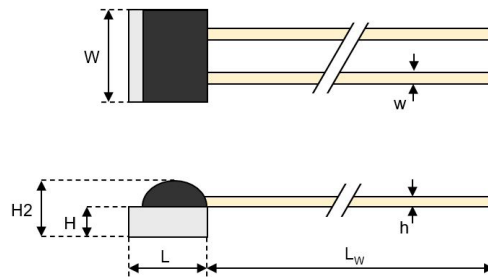
# P1K0.202.3FW.B.007

## ESD optimized platinum sensor with wires For low to medium temperatures

### Benefits & Characteristics

- Excellent long-term stability
- Low self-heating
- ESD optimized
- Optimal price/performance ratio

### Illustration<sup>1)</sup>



### Technical Data

Operating temperature range:	-200 °C to +300 °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 F0.3                      B (IST AG reference)
Connection:	Ni-flat-wire Au-coated, 0.2 x 0.4 mm (h x w) (solderable, weldable, crimpable), 7 mm long (L <sub>w</sub> )
Dimensions:	2 x 2 x 0.65 / 1.3 (L x W x H / H2 in mm)
Tolerance (chip):	L ±0.2 mm, W ±0.2 mm, H ±0.1 mm, H2 ±0.3 mm, L <sub>w</sub> ±1
Special:	Design is optimized for ESD up to Level 4 according to IEC61000-4-2. The test was done on the sample base for the design optimization. IST AG does not guarantee each individual sensor to reach this level due to the fabrication processes.



## Product Photo

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## Order Information

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Description:	Order code
P1K0.202.3FW.B.007	155041

## Additional Documents

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	Document name:
Application Note:	ATP_E

