



# P10K.520.6W.B.010.D

## Platinum sensor with wires on thin substrate

### For high temperatures

#### Benefits & Characteristics

- Excellent long-term stability
- Low self-heating
- Fast response time
- Vibration and temperature shock resistant
- Optimal for low power applications

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



#### Technical Data

Operating temperature range:	-200 °C to +600 °C
Nominal resistance:	10'000 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:	Pt/Ni-wire, Ø 0.2 mm, 10 mm long
Dimensions:	4.9 x 1.8 x 0.4/0.8
Tolerance (chip):	L ±0.2 mm, W ±0.2 mm, H ±0.1 mm, H2 ±0.3 mm
Special:	On thin substrate (0.38 mm)

#### Product Photo





## Order Information

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Description:	Item number:	Former main reference:
P10K.520.6W.B.010.D	100732	010.01692

## Additional Documents

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Application Note:	Document name:
	ATP_E



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