Platinum Temperature Sensors

10W – Product Series Temperature Range: –70°C...+1000°C

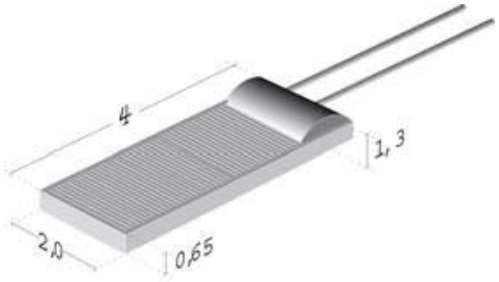
Platinum temperature sensor elements with wire connections

Technical Data

Temperature range:	-70°C to +1000°C
Temperature Coefficient:	TCR = 3770 ppm/K
Accuracy:	-40°C to +300°C +/- 3°C +300°C to +1000°C 1%
Leads:	DPH-Platinum wire connection (Ø = 0.2 mm) Recommended connection technology: Soldering, Welding, Crimping
Lead Lengths:	7 mm

10W 420

Dimensions, LxW:	4.0 x 2.0 mm
Nominal Resistance at 0°C (ohm):	200
Measuring Current (mA):	200 Ω: 0.8



Order Example:	*P*	*0K2.*	*420.*	*10*	*W.*	*K.*	*007*
	1	*2*	*3*	*4*	*5*	*6*	*7*

1. *Material Identification = Platinum temperature sensor*
2. *Resistance Value in ohm = 200Ω / 0°C*
3. *Chip Dimension = 4.0 x 2.0 mm*
4. *Temperature Range = -70 °C to +1000 °C*
5. *Extension = Wire Connections*
6. *Tolerance Class = Customer Specific*
7. *Connection length = 7 mm*

PRC Technologies Corp., Ltd.
Tel: 02 530 1714, 02 530 1619, 02 530 1621
Fax: 02 530 1731
Email: info@prctechth.com, www.prctechth.com

INNOVATIVE SENSOR TECHNOLOGY

IST AG, Industriestrasse 2, CH-9630 Wattwil, Switzerland, Phone (+)41 71 987 73 73, Fax (+)41 71 987 73 77
e-mail info@ist-ag.com, www.ist-ag.com