

## Datasheet

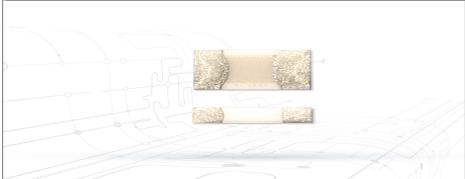
## 12x06SMDPt1000B-B

180000

### Summary

This platinum-chip temperature sensor is characterized by its small size and can therefore allow a very high packing density. It is preferably used for automated assembly, for example, electrical printed circuit boards in large-scale production.

### Dimensions in mm

	L	B	H	Solder-connection
	3,2 ±0,2	1,6 ± 0,2	0,6 ±0,2	Ca. 0,5

### Technical specifications

Nominal resistance $R_0$ at 0°C	Specification	Tolerance	Order Number	Item Number
1000 Ω	DIN EN 60751	F 0,3 (DIN B)	12x06SMDPt1000B-B	180000

Temperature range:	-50 ° C to +150 ° C in continuous operation Validity of tolerance F 0.3: -50 ° C to +150 ° C		
Temperature coefficient:	TK = 3850 ppm / K		
Solder terminals:	SMD - V: tin plated with Ni barrier layer		
Operating conditions:	unprotected only in dry environments		
Insulation resistance:	> 10 MΩ at 20 ° C		
Measuring current:	0.1 mA to 0.3 mA (consider self-heating)		
Self-heating:	0.4 K / mW		
Response:	water current (v = 0.4 m / s):	$t_{0,5} = 0.15 \text{ s}$	$t_{0,9} = 0.30 \text{ s}$
	Air flow (v = 2 m / s):	$t_{0,5} = 3.5 \text{ s}$	$t_{0,9} = 10 \text{ s}$
Packaging:	Taped		
<b>Note:</b>	<b>Please refer to our application and installation instructions.</b>		
RoHS compliant			

Technische Änderungen behalten wir uns vor. Alle technischen Angaben sind Beschaffenheitsangaben und sichern keine Eigenschaften zu.

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