

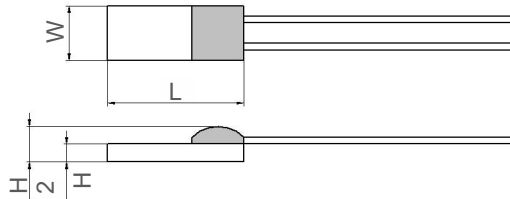


1000 °Cシリーズ リード線付き白金センサ 極超高温測定用

特徴

- 優れた長期安定性
- 3770 ppm/K特性曲線
- 低自己発熱
- 小型
- 振動衝撃に強い
- 高速応答
- 高い互換性

外観¹⁾



1) 寸法参照

技術データ

使用温度範囲:	-70 °C ~ +1000 °C		
公称抵抗値: [*]	200 Ω at 0 °C		
特性曲線:	3770 ppm/K		
許容クラス(温度範囲に依存):	ISTAG基準	-40 ° ~ +300 °C	+300 °C ~ +850 °C
	K	±3 K	±1 %
リード線:	Pt-wire, 7 x 0.25 (L x Ø in mm) (はんだ付け可能、溶接可能、圧着可能)		
推奨回路電流値: ¹⁾	Max. 2.8 mA at 850 °C		
¹⁾ 自己発熱を考慮する必要があります			
他の特殊仕様:	基板厚		



ご注文情報 - 10K (Pt-wire, Ø0.25 mm)

サイズ	寸法 (LxW x H / H2 in mm)
	L±0.2 mm, W ±0.2 mm, H±0.1 mm, H2 ±0.3 mm
公称抵抗値: 200 Ω at 0 °C	
420	3.85 x 1.9 x 0.45 / 0.75 P0K2.420.10K.K.007.D.S
注文番号	310.00445

参考資料

アプリケーションノート:	和文資料名: ATP_J
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ご注文情報

白金センサ

二次参照

材質

P = Platinum

TCR

= Pt 3770 ppm/K G = Pt 3911 ppm/K
U = Pt 3750 ppm/K W = Pt 3850 ppm/K (extended operating temperature range in class A)

Resistance in Ω at 0 °C

Size in mm

Operating temperature range

1 = -50 °C to +150 °C 6 = -200 °C to +600 °C
2 = -50 °C to +200 °C 7 = -200 °C to +750 °C
3 = -200 °C to +300 °C 8 = -200 °C to +850 °C
4 = -200 °C to +400 °C 10 = -70 °C to +1000 °C

Connection

S = SIL FK = flat wire customer-specific
I = insulated wire SW = perpendicular wire
K = customer-specific L = insulate stranded wire
W = wire E = enameled Cu-wire
FW = flat wire

Tolerance class

A = IEC60751 F0.15 K = customer-specific
B = IEC60751 F0.3 P = pair
C = IEC60751 F0.6 G = group
Y = IEC60751 F0.1

Wire length in mm

Special

T = substrate thickness 0.25 mm M = metallized backside
D = substrate thickness 0.38 mm U = inverted welding
R = round housing S = special
W = sintered powder

P 0K2. 420. 10 K. K. 007. D



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