



P1K0.161.3FC.B.M



Platinum RTD with bondable Au-pads & metallized backside For low temperatures

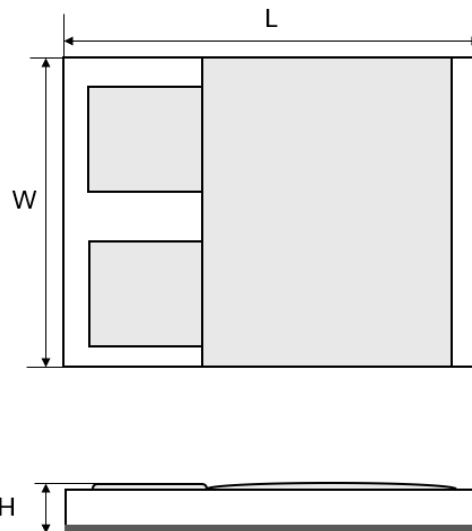


Benefits & characteristics

- Improved thermal conductivity
- Designed for Au-wire bonding
- Perfect for high volume applications with high integration rate
- For optical and DIE package integration, temperature control of LEDs or high-power ICs
- Power electronics thermal monitoring
- Customer-specific sensor available upon request



Illustration ¹⁾



¹⁾ for actual size see dimensions in order information



Technical data



Operating temperature range: -50 °C to +200 °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



Dimensions (L x W x H): 1.6 x 1.2 x 0.25 mm



Tolerance class: * **IST reference**
(dependent on temperature range) IEC 60751 F0.3 B

Connection:* Au-Pads (bondable Pads) and metallic backside

* Customer-specific alternatives available



Order Information 3FC (Au-Pads (bondable Pads) and metallic backside)

Nominal Resistance	Size	Dimensions (L x W x H in mm) L ±0.2 mm, W ±0.2 mm, H ±0.1 mm,	Class*	Order code	Product name (secondary reference)	Special
1000 Ω	161	1.6 x 1.2 x 0.25	F0.3 (class B)	100797	P1K0.161.3FC.B.M	



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