



RPK

platinum sensor

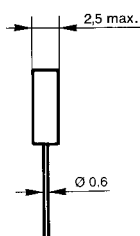
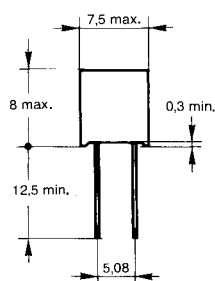


The RPK series of platinum resistors benefits from the most advanced developments of the company's unique know-how in the manufacture of ultra-high precision resistors.

Due to specific temperature coefficient specifications, the RPK series is an extremely precise temperature sensor ideally suited for regulating sophisticated electronic circuits.

- HIGH OHMIC VALUES
- VERY HIGH STABILITY
- MINIATURE SIZE
- SPECIFIC TEMPERATURE COEFFICIENT

RPK



Standard lead spacing 5,08 mm
(3,81 mm available)

Dimensions in mm

RPK option A

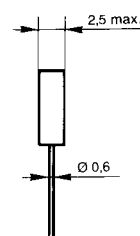
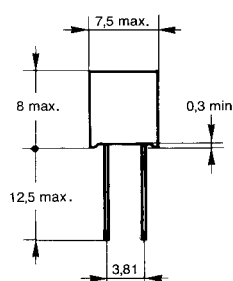


Fig. 1

SPECIFICATIONS

MECHANICAL

MECHANICAL PROTECTION...	insulated case
RESISTIVE ELEMENT...	platinum
TERMINAL LEADS...	tinned copper weldable, solderable type C MIL STD1276
UNIT WEIGHT...	0,3 g

ENVIRONMENTAL

TEMPERATURE LIMITS...	-55°C +175°C
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ELECTRICAL

RESISTANCE RANGE AT 23°C...	10 Ω... 1 kΩ
TOLERANCE AT 23°C...	to ± 0,5% or 0,1 Ω
TEMPERATURE COEFFICIENT...	+3500 ppm/°C ±500 ppm/°C between 0°C and 100°C
SELF-HEATING...	0,15°C/mW
INSULATION RESISTANCE...	>10 ⁶ MΩ

ORDERING PROCEDURE

SERIES	OPTION	OHMIC VALUE	TOLERANCE
RPK	A	100 Ω	± 1%



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