

# KPR 2-T218



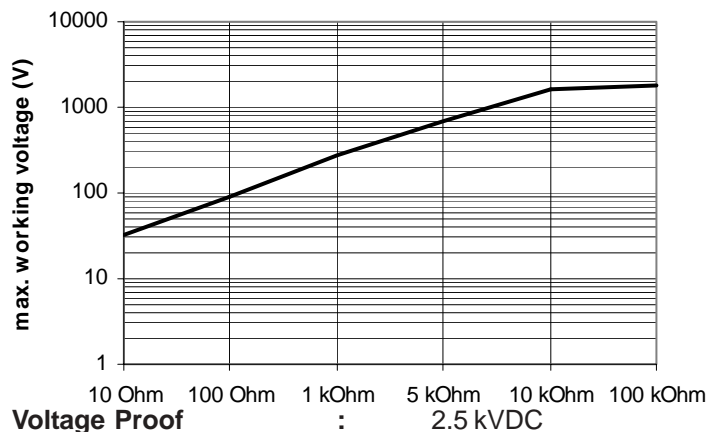
- Thick Film Resistor
- Power Rating from to 50 W
- For High Impulses
- Very Good as Heatingelement

## SPECIFICATIONS

### ELECTRICAL

<b>Resistance Range</b>	:	0R1 ... 100k
<b>Power Rating</b>	:	2 W (70°C) 50 W with heatsink
<b>Thermal Resistance Rthj-c</b>	:	2.1 K/W
<b>Tolerances</b>	:	
from 0R1	:	5%
from 1R0	:	2%
from 5R0	:	1%
<b>Stability</b>	:	1%
<b>Temperatur Coefficient</b>	:	±100 ppm/K

### Max. Voltage



### ENVIRONMENTAL

<b>Operative Temperature Range</b>	:	-55°C ... 155°C
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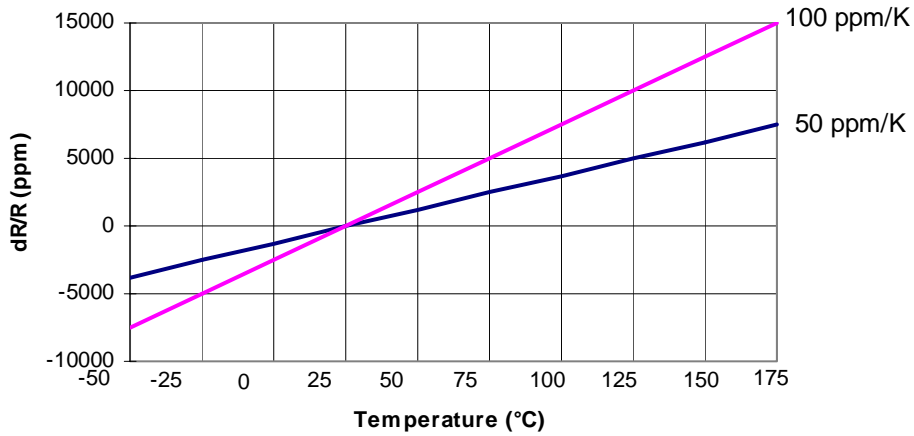
### MECHANICAL

<b>Resistor Material</b>	:	Thick Film
<b>Substrate</b>	:	Al <sub>2</sub> O <sub>3</sub> (upon request: AlN)
<b>Housing</b>	:	PPS
<b>Connector Material</b>	:	Cu tinned, 2-pin
<b>Max Torque backplate</b>	:	1 Nm

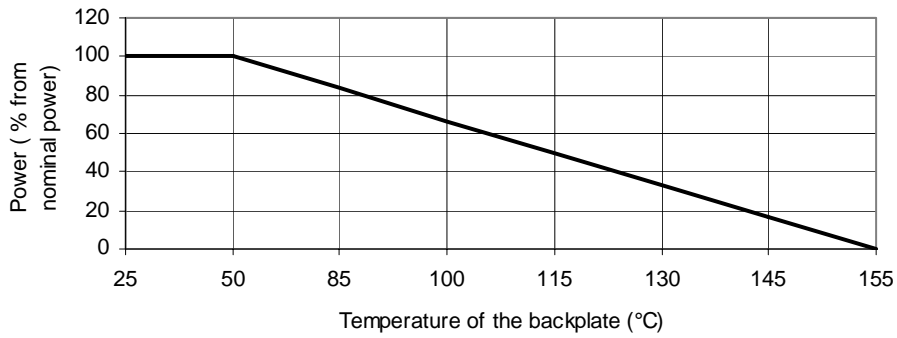
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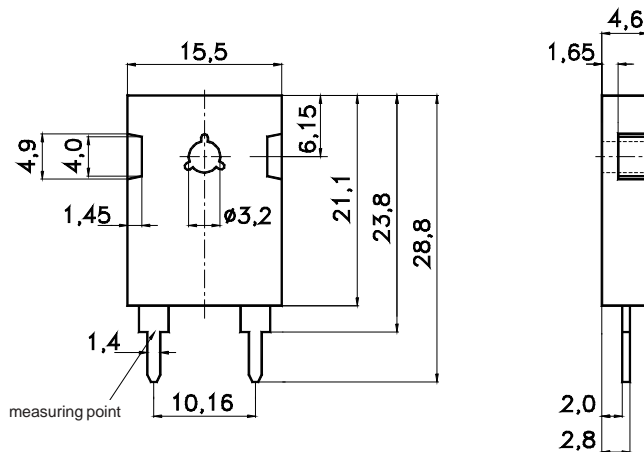
## TEMPERATURE COEFFICIENT



## DERATING CURVE



## DIMENSIONS



Dimensions in mm

## HOW TO ORDER

KPR 2-T218 10K A 5%