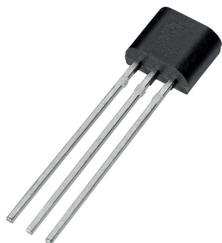


KTY silicium temperature sensors

Description



Description

The silicium-sensors of the series KTY are elements with a semiconductor layer.

They have a positiv temperature-coefficient but possess in opposition to PTC thermistors a relatively linear characteristic.

If you handle or treat the KTY-sensors, please mind that they are sensitive against electrostatic charge and could thus be damaged in their long-term behavior.

Technical data

KTY Silicium-Temperature sensors	
Type	KTY 81-110
Housing	TO92
Temperature range	-50...+150 °C
Tolerance	±1 %
Ground-Resistance	(R_{25}) 1000 Ω
Response time	approx. 2 s

KTY Silicium-Temperature sensors	
Type	KTY 81-210
Housing	TO92
Temperature range	-50...+150 °C
Tolerance	±1 %
Ground-Resistance	(R_{25}) 2000 Ω
Response time	approx. 2 s

Ordering numbers

Article	Article no.
Temperature sensor KTY81-110	0365 0028
Temperature sensor KTY81-210	0365 0020

For further information, visit our website:
www.bb-sensors.com

You can find product specifications of the KTY 81-series at www.nxp.com