

Series KC, KH, KV, KT, KF

Temperature coefficient of the resistive wire for wirewound resistors



P_{70}	Type	TC +400 ± 50 ppm K ⁻¹	TC +0 ± 40 ppm K ⁻¹	TC +0 ± 10 ppm K ⁻¹
1 W	200	R056 - R20	R22 - 300R	330R - 9K1
2 W	202	R075 - R43	R47 - 620R	680R - 20K
4 W	206	R056 - R20	R22 - 300R	330R - 9K1
5 W	208	R075 - R30	R33 - 470R	510R - 15K
7 W	210	R11 - R68	R75 - 910R	1K0 - 33K
7 W	212	R075 - R30	R33 - 470R	510R - 15K
9 W	214	R11 - R68	R75 - 910R	1K0 - 33K
11 W	216	R15 - 1R0	1R1 - 1K3	1K5 - 47K
17 W	218	R27 - 1R6	1R8 - 2K4	2K7 - 82K

The values of the temperature coefficient are only valid for the TC of the resistive wire.
The values are good for the temperature range of -20 °C to +120 °C.

All values in ppm K⁻¹. This is an abbreviation for: 10⁻⁶ K⁻¹.

All resistors of the series KC, KH, KV, Kt and KF are produced with a high pressure crimped contact between terminal wire and resistive element.

Due to mechanical contacts in combination with high temperature of the resistive element (up to 400 °C), resistive changes of ± 1.5 % are possible.

Therefore the above mentioned numbers should not become part of specifications of those resistors.

For applications depending highly on temperature coefficients of resistors, VITROHM recommends to use our CR or CRF family devices with all-weld construction.

Thank you for your interest
YAGEO EUROPE GmbH
Ramskamp 70
25337 ELSHORN/HAMBURG

T.: +49 4121 870-103
F.: +49 4121 870 298
<http://www.vitrohm.com>

e-mail: vitrohm.support@yageo.com