

Series KP

Temperature coefficient of the resistive wire for wirewound resistors



P_{70}	Type	TC $+400 \pm 50$ ppm K^{-1}	TC $+0 \pm 40$ ppm K^{-1}	TC $+0 \pm 10$ ppm K^{-1}
2 W	290	R10 - R27	R30 - 510R	560R - 7K5
4 W	292	R15 - R56	R62 - 620R	680R - 11K
5 W	294	R27 - R62	R68 - 1K1	1K2 - 20K
6,5 W	296	R39 - 1R3	1R5 - 1K6	1K8 - 27K
8 W	298	R47 - 1R6	1R8 - 2K0	2K2 - 36K

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 KP are produced with a high pressure crimped contact between terminal 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
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