

Specification

Type		KC200-0	KC202-0
Style		0416	0424
Power rating P_{70}	W	1,0	2,0
Resistance range	Ω	0R056 ... 9K1	0R075 ... 20K
E-series		E 24 (5%), E 12 (10%)	
Tolerance	%	± 10 ; $R \geq R10 \pm 5\%$	
Temperature coefficient	$10^{-6} * K^{-1}$	- 80 ... + 500	
max. cont. working voltage	V_{RMS}	$\sqrt{P_{70} \cdot R}$	
Insulation voltage (1min.)	V_{RMS}	max. 75	
Insulation resistance	Ω	not insulated	
Derating linear	$^{\circ}C$	70 ... 350 (0W)	
Climatic category		55/200/56	
Temperature range	$^{\circ}C$	- 55 ... 350	
Thermal resistance	KW^{-1}	200	125
Failure rate (Total, ϑ_0 max., 60% conf. lev.)	$10^{-9} * h^{-1}$	appr. 100 depends on value	
Endurance (P_{70} , $70^{\circ}C$, 1000h)	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 3,0$ average	
Damp heat, steady state ($40^{\circ}C$, 93% r. h., 56d)	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 2,0$	
Climatic sequence	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 2,0$	
Terminal strength	$\left[\frac{\Delta R}{R} \right] \%$	$\pm 1,0$	
Terminal tensile strength	N	50	

Type

KC202-0

Resistance to soldering heat (260°C, 10s)

$$\left[\frac{\Delta R}{R} \right] \%$$

$\pm 0,2$ typ.

Solderability

S

2,5 Flowtime, solderglobule test, IEC 60068-2-20-T

Marking

printed in clear

Packaging:

Ordering example:

KC 200-0
Type

5 Tolerance

T
Pack.-Code1R0
Value