

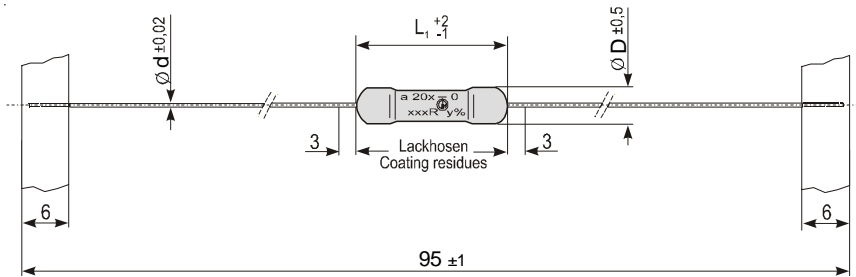
Power Wirewound Resistors
axial, coated, fibre glass core



Specifications

Type		KC 200-0	KC202-0	KC204-0
Style		0416	0424	0432
Power rating P_{70}	W	1,0	2,0	3,0
Resistance range	Ω	0R056 ...9K1	0R075 ...20K	0R33 ... 30K
E-Series		E 24 (5%), E 12 (10%)		
Tolerances	%	± 10 ; $R \geq 0R1 \pm 5\%$		
Temperature coefficient	$10^{-6} \cdot K^{-1}$	- 80 ... + 500		
max. cont. work. 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	125
Failure rate (Total, ϑ_0 max., 60% conf. lev.)		appr. 100, depends on value		
Endurance (P_{70} , 1000h)	$\left[\frac{AR}{R}\right] \%$	$\pm 3,0$ average		
Damp heat, steady state (40 $^{\circ}C$, 93% r.h., 56d)	$\left[\frac{AR}{R}\right] \%$	$\pm 2,0$		
Climatic sequence	$\left[\frac{AR}{R}\right] \%$	$\pm 2,0$		
Terminal strength	$\left[\frac{AR}{R}\right] \%$	$\pm 1,0$		
Terminal tensile strength	N	50		
Resistance to soldering heat (260 $^{\circ}C$, 10s)	$\left[\frac{AR}{R}\right] \%$	$\pm 0,2$ typ.		
Solderability	s	2,5 Flowtime, solderglobule test, IEC 60068-2-20-T		
Marking		printed in clear		

Dimensions in mm:



Typ	L1	$\varnothing D$	$\varnothing d$
KC200-0	16	$4,5 \pm 0,5$	$0,8 \pm 0,02$
KC202-0	24	$4,5 \pm 0,5$	$0,8 \pm 0,02$
KC204-0	32	$4,5 \pm 0,5$	$0,8 \pm 0,02$

Packaging:

Type	Packaging	Pieces	Pack.Code
KC200-0	taped/Ammopack	1000	T
KC202-0	taped/Ammopack	1000	T
KC204-0	taped/ammopack	1000	T

Ordering example: KC 200-0 5 T 1R
 Type Tolerance Pack.-Code R-Value

Revision 200807