

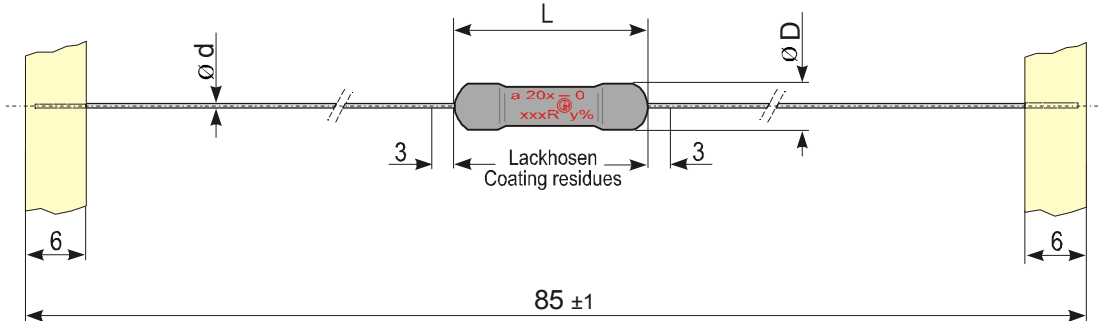


## Power Wirewound Resistors, Axial, coated, fibre glass core

### Specifications

Type		KC200-0	KC202-0	KC204-0
Style		0416	0424	0432
Nominal Power rating $P_{70}$	W	1	2	3
Resistance range	$\Omega$	0R056... 9K1	0R075... 20K	0R33... 30K
E-series			E24 (5%), E12 (10%)	
Tolerances	%		$\pm 10$ ; $R \geq 0R1 \pm 5\%$	
Temperature coefficient	$10^{-6} \cdot K^{-1}$		- 80 ... + 500	
Max. cont. working voltage	$V_{RMS}$		$\sqrt{P_{70} \cdot R}$	
Insulation voltage (1min.)	$V_{RMS}$		max. 75	
Insulation resistance	$\Omega$		non 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 $\vartheta_0$ max, 60% conf. lev.)	$10^{-9} \cdot h^{-1}$		appr. 100, depends on value	
Endurance ( $P_{70}$ , 1000h)	$[\Delta R/R] \%$		$\pm 3,0$ average	
Damp heat, steady state (40 $^{\circ}C$ , 93% r.h., 56d)	$[\Delta R/R] \%$		$\pm 2,0$	
Climatic sequence	$[\Delta R/R] \%$		$\pm 2,0$	
Terminal strength	$[\Delta R/R] \%$		$\pm 1,0$	
Terminal tensile strength	N		50	
Resistance to soldering heat (260 $^{\circ}C$ , 10s)	$[\Delta R/R] \%$		$\pm 0,2$ typ.	
Solderability	S	2,5 Flowtime, solderglobule test, IEC 60068-2-20-T		
Marking		Printed in clear		

Dimensions in mm:



Type	L <sup>+2</sup> / <sub>-1</sub>	ØD ±0,5	Ød ±0,02	Tape step
KC200-0	16	4,5	0,8	5
KC202-0	24			
KC204-0	32			

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: KC200-0      5      T      1R  
 Type      Tolerance      Pack.-Code      R- value