

Series KC



Power Wirewound Resistor axial, coated, fibre glass core

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	%		$\pm 10; R \geq R_{10} \pm 5\%$
Temperature coefficient	$10^6 * K^{-1}$		- 80 ... + 500
max. cont. working voltage	V_{RMS}		$\sqrt{P_{70} \bullet R}$ max. 75
Insulation voltage (1min.)	V_{RMS}		
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, 9_0 max., 60% conf. lev.)	$10^9 * h^{-1}$		appr. 100 depends on value
Endurance (P_{70} , 70°C, 1000h)	$\left[\frac{\Delta R}{R} \right] %$		$\pm 3,0$ average
Damp heat, steady state (40°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

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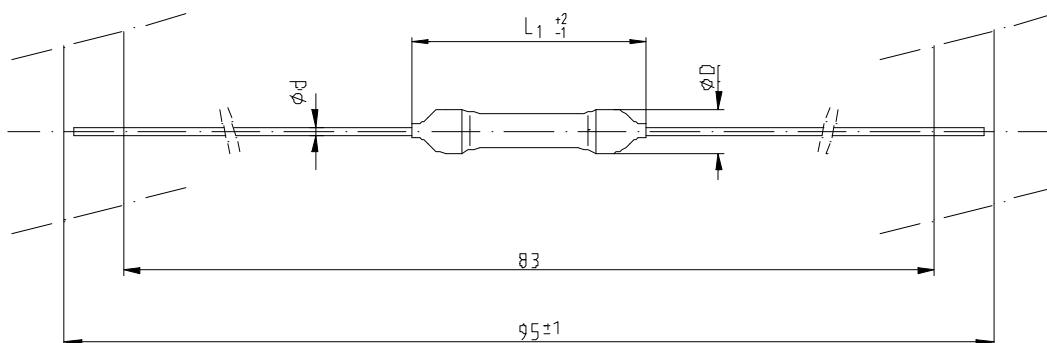
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 a **YAGEO** Company
YAGEO EUROPE GMBH
25337 Elmshorn / Hamburg • Ramskamp 70

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Type		KC200-0	KC202-0
Resistance to soldering heat (260°C, 10s)	$\left[\frac{\Delta R}{R} \right] \%$	± 0,2 typ.	
Solderability	s	2,5 Flowtime, solderglobule test, IEC 60068-2-20-T	
Marking		printed in clear	

Dimensions in mm:



Typ	L_1	$\varnothing D$	$\varnothing d$
KC200-0	16	$4,5 \pm 0,5$	$0,8 \pm 0,02$
KC202-0	24	$4,5 \pm 0,5$	$0,8 \pm 0,02$

Packaging:

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

Ordering example:

KC 200-0

5

T

1R0