

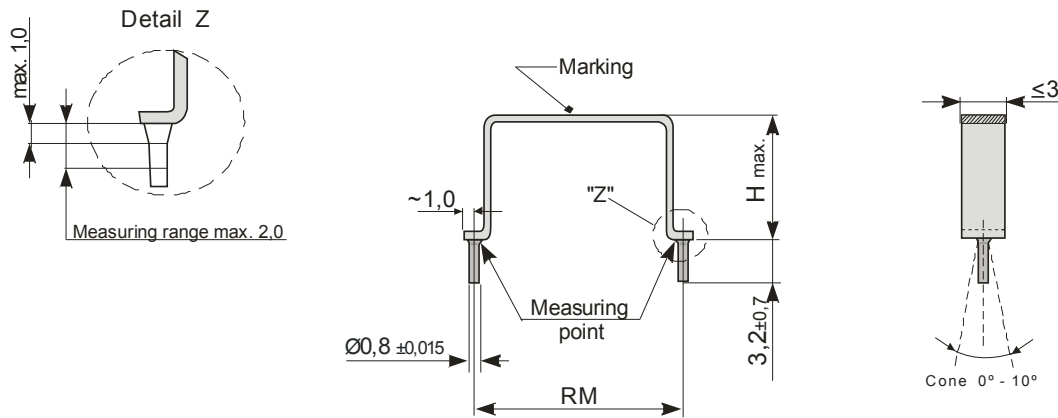
Low Ohmic Open Air Resistors, low inductance, radial



Specifications

Type		KNA 361-3	KNA 363-4
Nominal Power rating P_{70}	W	1	3
Resistance range (preferred values)	Ω	0R004...0R082 (0R005;0R01;0R015;0R02;0R025;0R03;0R04;0R05)	0R005...0R1 (0R005;0R01;0R015;0R02;0R025;0R03;0R04;0R05)
Tolerance	%	$\pm 1\%$, $\pm 3\%$, $\pm 5\%$	
Temperature coefficient	$10^{-6} \cdot K^{-1}$	+ 200 ... + 1200 Depends on value	
Max. cont. working voltage	V_{RMS}	$\sqrt{P_{70} \cdot R}$ for all styles	
Insulation voltage (1min.)	V_{RMS}	non insulated	
Insulation resistance	Ω	non insulated	
Derating linear	$^{\circ}C$	70 ... 300 (0W)	
Climatic category		55/200/56	
Temperature range	$^{\circ}C$	-55 ... 300	
Thermal resistance	KW^{-1}	200	60
Failure Rate (Total ϑ_0 max, 60% conf. lev.)	$10^{-9} \cdot h^{-1}$	Appr. 10, depends on value	
Endurance (P_{70} , @70 $^{\circ}C$, 1000h, interm.)	[$\Delta R/R$] %	$\pm 3,0$	
Damp heat, steady state (40 $^{\circ}C$, 93% r.h., 56d)	[$\Delta R/R$] %	$\pm 0,5$	
Climatic sequence	[$\Delta R/R$] %	$\pm 0,5$	
Terminal strength	[$\Delta R/R$] %	$\pm 0,5$	
Terminal tensile strength	N	min. 25	
Resistance to soldering heat (260 $^{\circ}C$, 10s)	[$\Delta R/R$] %	0,2% typ.	
Solderability	S	2,5 Flowtime, solderglobule test, IEC 60068-2-20-T	
Marking		Value imprinted	

Dimensions in mm:



Type	RM	H max.
KNA361-3	11,43 +1/-0,5	8
KNA363-4	15,00 +1/-0,5	18,0

Construction: The resistive elements consist of a flat metal-band. Spot welded Cu-terminals ensure high stability of Contacts. Thus, this construction results in a non inductive resistor of both high stability and overload capacity.

Packaging:

Type	Packaging	Pieces	Pack.Code
KNA361-3	Bulk	1000	B
KNA363-4	Bulk	500	B

Ordering example: KNA361-3 5 B 0R01
 Type Tolerance Pack.-Code R- value