

## Power Wirewound Resistors axial, ceramic carrier, coated

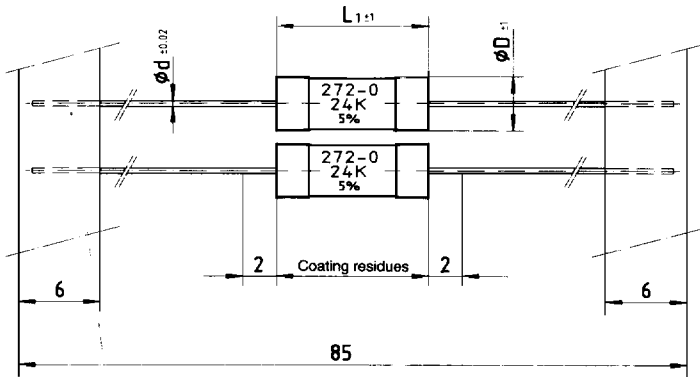
### Technical specifications

Types		271	272
Styles		0614	0617
Dimensions	mm	see list, next page	
Rated power $P_{70}$ ( $P_{25}$ )	W	2,5 (3,0)	3,5 (4,0)
Resistance range (applic. E-series)	$\Omega$	R10...10K E24	R10...15K E24
Tolerances	%	$\pm 5$	$\pm 5$
Temperature coefficient	$10^{-6}K^{-1}$	$\pm 40$	$\pm 40$
Max. cont. work. voltage	$V_{RMS}$	$\sqrt{P_{70} \cdot R}$	$\sqrt{P_{70} \cdot R}$
Thermal resistance	$KW^{-1}$	75	80
Insulation voltage (1 min.)	$V_{RMS}$	max. 75	
Insulation resistance	$\Omega$	no isolation	
Climatic category	—	55/350/56	
Temperature range	$^{\circ}C$	-55 ... 350	
Derating	—	linear from 70 $^{\circ}C$ to 350 $^{\circ}C$ (OW)	
Failure rate (total failure, §s max., 60% conf. lev.)	$10^{-9}h^{-1}$	appr. 50, depends on value	
Load life ( $P_{70}$ , 70 $^{\circ}C$ , 1000 hrs)	%	$\pm 3,0$ average	
Damp heat, steady state (40 $^{\circ}C$ , 93% r.h., 56 d)	%	$\pm 2,0$	
Climatic sequence (IEC 115 - 1/23)	%	$\pm 2,0$	
Terminal strength	%	$\pm 1,0$	
Terminal tensile strength	N	50	
Resistance to sold. heat (260 $^{\circ}C$ , 10 s, 3 mm)	%	$\pm 0,2$ typ.	
Solderability	s	2,5	Flowtime
Standards		Solderglobule test, IEC 68-2-20T CECC 40201 applicable	

Ordering-number e.g. 272-0, 2K2, 5%, V1

Packaging-units: 1.000 pcs, taped, Ammopack (V1)

Dimensions:

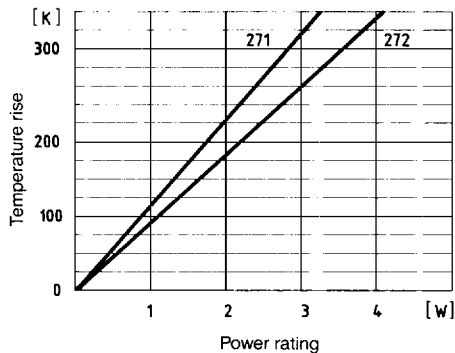


	271	271
$L_1$ [mm]	12,5	17,0
$\varnothing D$ [mm]	5,6	5,6
$\varnothing d$ [mm]	0,8	0,8

Taping:  
85 mm (overall)  
x 10 mm (step)

Marking: Printed in clear

Temperature rise:



Larger styles: 5,7 and 9 W styles available on request