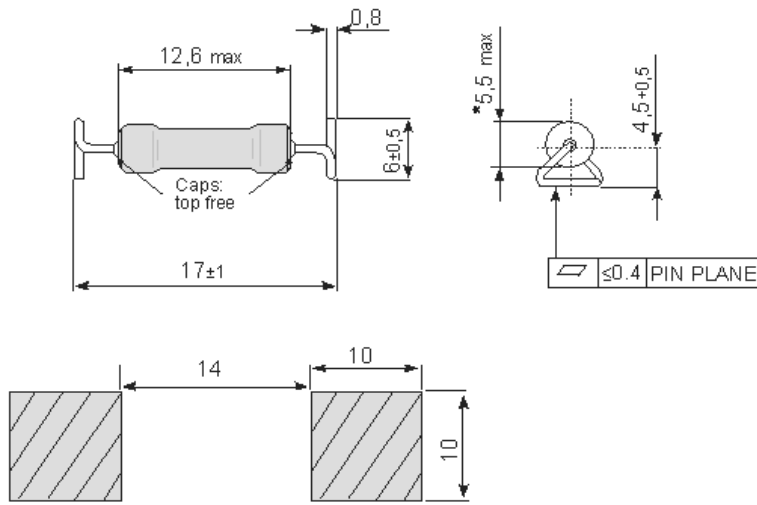


SMD Precision Power Wirewound Resistors  
ceramic core, coated

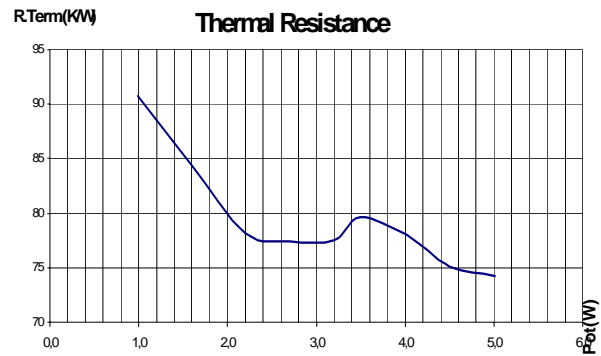
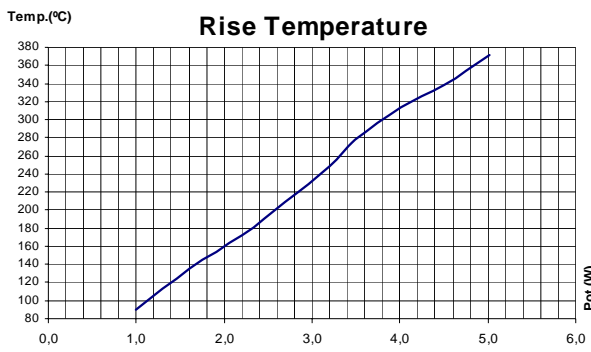
## Specifications

Type		RZC6720 STANDARD VERSION	RZI6720 PULSE VERSION
Power rating $P_{25}$ $P_{40}$ $P_{70}$	W		2,2 2,0 1,6
Resistance range	$\Omega$	0R01 ... 750R	R02 ... 240R
Tolerances	%		$\pm 5$ , $\pm 2$ , $\pm 1$
Temperature coefficient	$10^{-6} \cdot K^{-1}$	$0 \pm 20$	$100 \pm 50$
max. cont. work. voltage	$V_{RMS}$		$\sqrt{P_{70} \cdot R}$
Insulation voltage (1min.)	$V_{RMS}$		max 75V
Insulation resistance	W		not insulated
Derating linear	$^{\circ}C$		25 ... 200 (0W)
Climatic category	$^{\circ}C$		55/200/56
Temperature range	$^{\circ}C$		- 55 ... 200
Thermal resistance	$KW^{-1}$		112
Failure rate (Total, $J_o$ , max., 60% conf. lev.)	$10^{-9} \cdot h^{-1}$		appr. 100 depends on value
Endurance ( $P_{70}$ , $70^{\circ}C$ , 1000h)	$\left[\frac{\Delta R}{R}\right] \%$		$\pm 3,0$ average
Damp heat, steady state ( $40^{\circ}C$ , 93% r.h., 56d)	$\left[\frac{\Delta R}{R}\right] \%$		$\pm 1,0$
Climatic sequence (IEX 115-1/23)	$\left[\frac{\Delta R}{R}\right] \%$		$\pm 1,0$
Terminal strength	$\left[\frac{\Delta R}{R}\right] \%$		$\pm 0,2$
Terminal tensile strength	N		50
Resistance to soldering heat ( $260^{\circ}C$ , 3,5s)	$\left[\frac{\Delta R}{R}\right] \%$		$\pm 0,2$ typ.
Solderability	s	2,5 Flowtime; solderglobule test, IEC 60068-2-20-T	
Marking		Printed in clear	

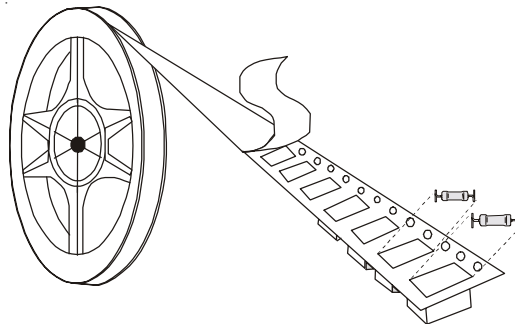
Dimensions in mm



\*R ≤ 1R 5,5<sup>+1</sup>



Packaging: Blister tape 24 mm antistatic / 900 pcs on reel 330 mm Ø



Ordering example: RZC6720    J    K    -    13    10R  
 Type    Tolerance    blister tape reel    TC    reel diameter    R-value