



# DATA SHEET

## 7Watt Cement Resistor Radial Style

**Serie: X43004**

**7Watt Cement Resistor Radial Style**

Serie No.: **X43004**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.01.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 5

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## Specifications

Temperature Coefficient:	< 20Ω: ±400PPM/°C; ≥20Ω: ±350PPM/°C
Short Time Overload:	± (5,0% + 0,05Ω) Max., with no evidence of mechanical damage
Dielectric Withstanding Voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown.
Terminal Strength:	No evidence of mechanical damage.
Resistance to Soldering Heat:	± (1,0% + 0,05Ω) Max., with no evidence of mechanical damage.
Solderability:	Min. 95% coverage.
Temperature Cycling:	± (2,0% + 0,05Ω) Max., with no evidence of mechanical damage.
Humidity (Steady Style):	± (5,0% + 0,05Ω) Max., with no evidence of mechanical damage.
Load Life in Humidity:	Wire Wound ±(5% + 0,05) Max. Power Film <100KΩ: ±(5,0% + 0,05) Max. ≥100KΩ: ±(10,0% + 0,05) Max.
Load Life	Wire Wound ±(5% + 0,05) Max. Power Film <100KΩ: ±(5,0% + 0,05) Max. ≥100KΩ: ±(10,0% + 0,05) Max.
Max. Working Voltage:	500Volt
Max. Overload Voltage:	1000Volt

**7Watt Cement Resistor Radial Style**

Part No.: **X43004**

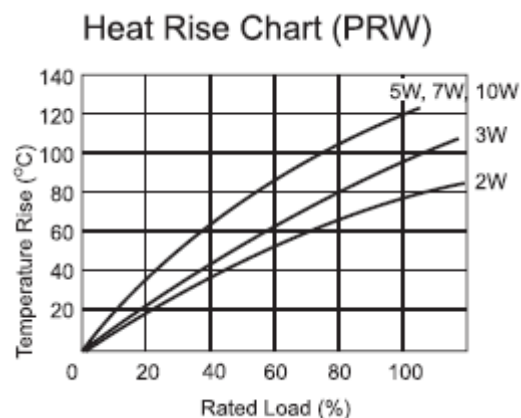
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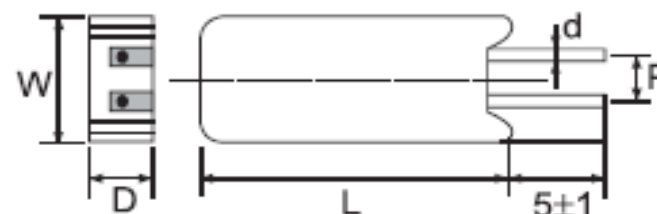
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## Heat Rise Chart



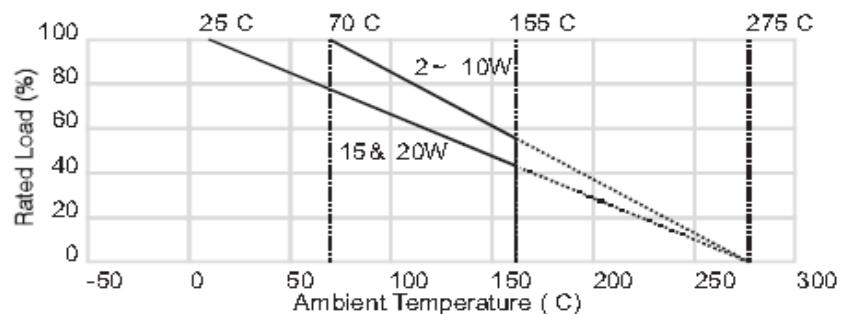
## Technical Drawing



## Dimensions

Dimension (mm)					Resistance Range
$W \pm 1$	$D \pm 1$	$L \pm 1$	$d \pm 0,05$	$P \pm 1$	Wire Wound
12,5	9	38	0,75	5	0,1Ω ~680Ω

## Derating Curve



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[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)

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## Ordering Informations

Serie	Range	Tolerance	Lead Style	Special	ROHS	Packing Code				
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<b>X43004</b>	-	<b>681</b>	<b>K</b>	<b>LL</b>	<b>S</b>	<b>R</b>	<b>BU</b>			
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681= Range 68Ω	K= Tol. 10%	LL= Long Lead	S= Standard	R= ROHS Conform	BU= Bulk Ware
	J= Tol. 5%	XX= Customer Special	I= Non Inductive	N= NON ROHS Conform	BX= Box Ware
Resistance Range from 0,1Ω ~ 680Ω					

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Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



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