



DATA SHEET

5Watt Cement Resistor Radial Style

Serie: X43003

5Watt Cement Resistor Radial Style

Serie No.: **X43003**

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

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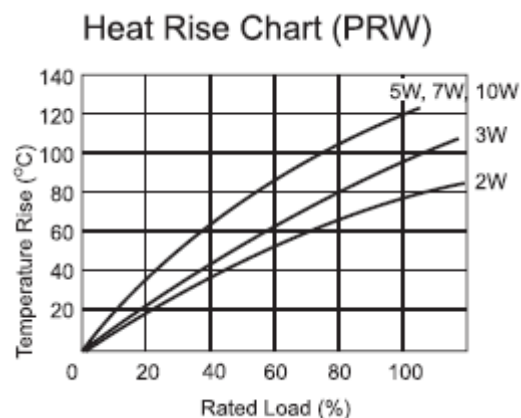
Part No.: **X43003**

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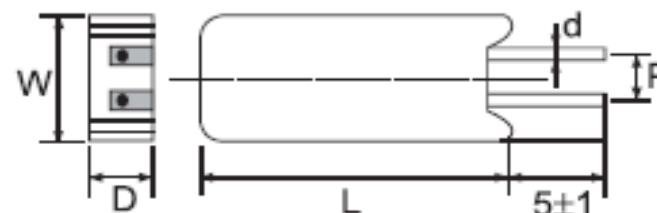
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Heat Rise Chart



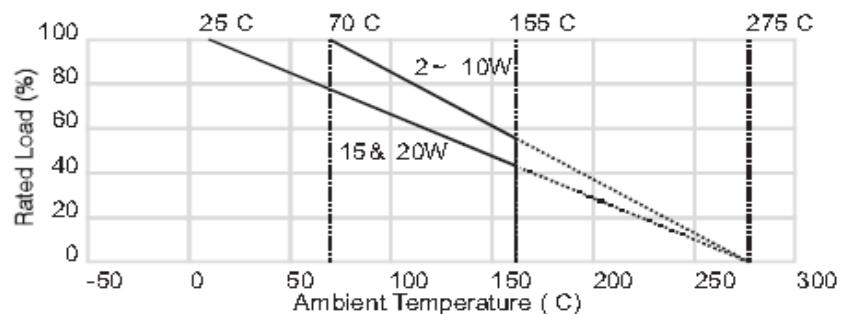
Technical Drawing



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	25	0,75	5	0,1Ω ~47Ω

Derating Curve



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www.edcon-components.com

email: info@edcon-components.com

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Ordering Informations

Serie	Range	Tolerance	Lead Style	Special	ROHS	Packing Code				
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X43003	470	K	LL	S	R	BU				
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470= Range 47Ω	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 ~ 47Ω					

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Soldering Profile Curve

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



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