

DATA SHEET

Cement Fixed Resistor Type A 8x8x22mm 3Watt

Serie: X42003

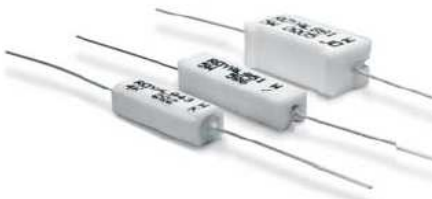
**Cement Fixed Resistor Type A
8x8x22mm 3Watt**

Serie No.: **X42003**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	23.10.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 6

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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 breackdown.
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.
Load life in humidity	Wire Wound. ± (5,0% + 0,05Ω) Max. Power Film. <100KΩ ± (5,0% + 0,05Ω) Max. Power Film. ≥100KΩ ± (10,0% + 0,05Ω) Max.
Load life	Wire Wound. ± (5,0% + 0,05Ω) Max. Power Film. <100KΩ ± (5,0% + 0,05Ω) Max. Power Film. ≥100KΩ ± (10,0% + 0,05Ω) Max.

Features

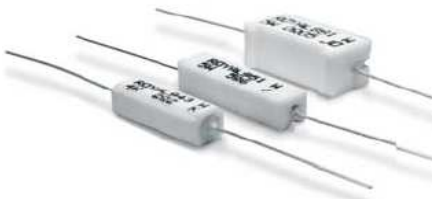
- Self extinguishing
- Excellent flame and moisture resistance
- Extremely small sturdy and mechanical safe
- Non-inductive types available for all Cement Resistors
- Too low or too high ohmic values on Wire wound & Power Film type can be supplied on a case by case basis.

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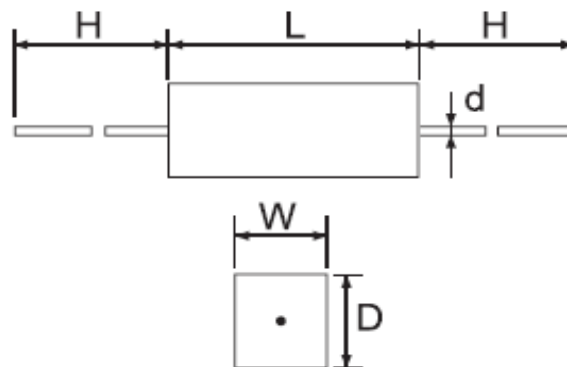
Part No.: **X42003**

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Dimensions



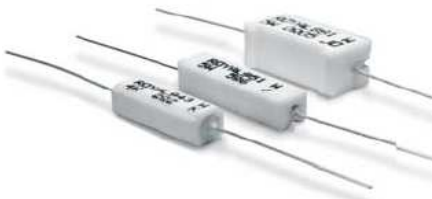
Power Rating at 70°C	Dimension (mm)					Resistange Range	
	W ± 1.0	D ± 1.0	L ± 1.0	d±0.05	H±5	Wire Wound	Power Film
3W	8	8	22	0,75	32	0,1Ω ~ 39Ω	40Ω ~ 56KΩ

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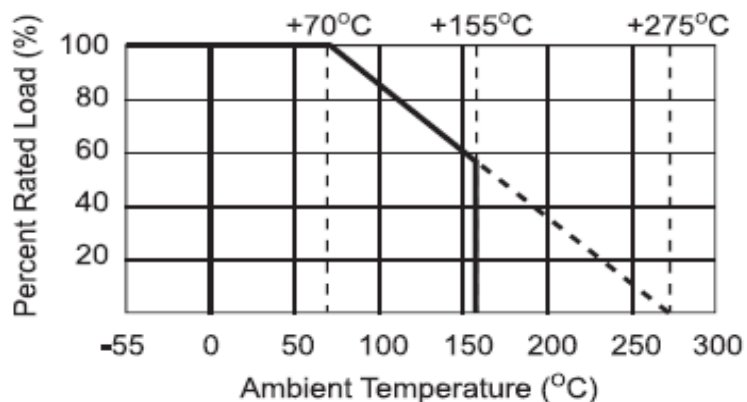
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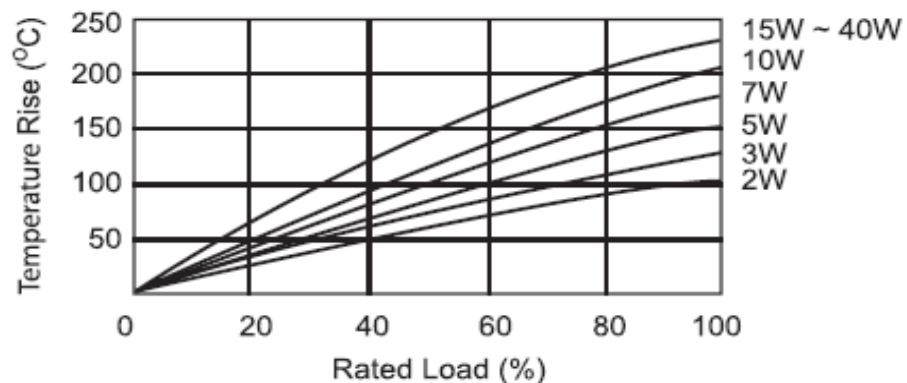
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Derating Curve



Heat Rise Chart



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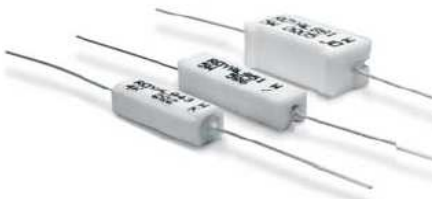
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www.edcon-components.com

email: info@edcon-components.com

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Ordering Informations

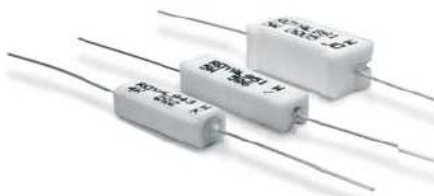
Serie	Range	Tolerance	Feature	Special function	ROHS	Packing Code
X42003	563	K	S	00	R	BB
	563= 56KΩ	K= 10% (Standard) J= 5%	S= Standard I= Non Inductive	00= no function	R= ROHS Conform N= NON ROHS Conform	BB= Bulk Ware Box

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Soldering Profile Curve

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



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