



DATA SHEET

Radial Wire Wound Resistor 8x21mm 3Watt

Serie: X40002

**Radial Wire Wound Resistor
8x21mm 3Watt**

Serie No.: **X40002**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.10.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 6	

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Specifications

Temperature coefficient	<20Ω: ±400PPM/°C; ≥20Ω: ±300PPM/°C
Short time overload	. ± (2,0% + 0,05Ω) Max, with no evidence of mechanical damage.
Dielectric withstanding voltage	No evidence of flashover , mechanical damage, arcing or insulation breackdown.
Pulse overload	. ± (5,0% + 0,05Ω) Max., with no evidence of mechanical damage.
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.
Resistance to solvent	No deterioration of protective coating and markings.
Temperature cycling	. ± (2,0% + 0,05Ω) Max, with no evidence of mechanical damage.
Load life in humidity	. ± (5,0% + 0,05Ω) Max, with no evidence of mechanical damage.
Load life	. ± (5,0% + 0,05Ω) Max, with no evidence of mechanical damage.
Non-flame	No evidence of flamming or cracing

Features

Color Coating are Green
 Non-inductive type available
 Excellent flame resistance
 Too low or too high ohmic value can be supplied on a case to case basis
 Special Fusing Wire-wound resistor can be supplied on a case to case basis
 Standard 2%, 5% 10% delivery by row E24
 Tolerance 1% delivery byn row E96

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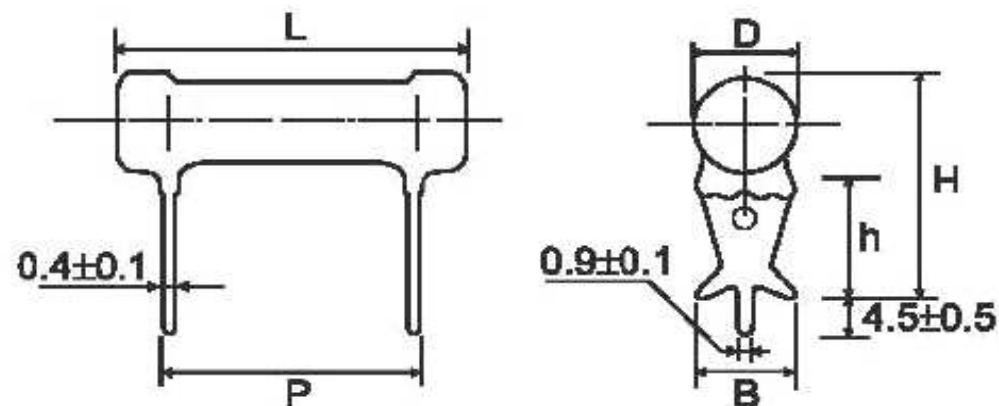
Part No.: **X40002**

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Dimensions



Power Rating at 70°C	Dimension (mm)						Resistance Range
	D max.	L±1,5	P±0.5	H1±1	h±1	B±0,5	
3W	8	21	10	19	13	4,5	0,5Ω ~ 50Ω

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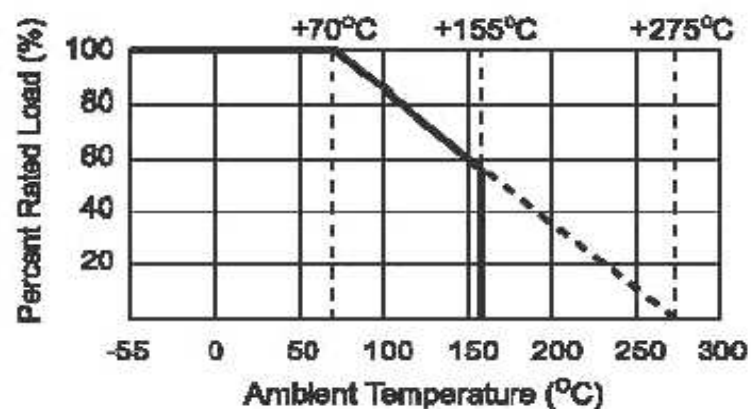
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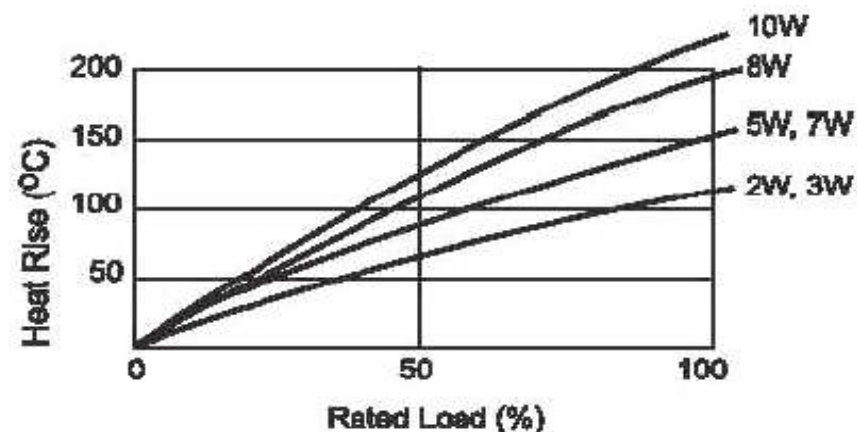
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Derating Curve



Heat Rise Chart



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Ordering Informations

Serie	Range	Tolerance	Feature	Special function	ROHS	Packing Code
X40002	500	K	S	00	R	BB
500= 50Ω		J= 5%	S= Standard	00= no function	R= ROHS Conform	BB= Bulk Box
		K= 10% (Standard)	I= Non Inductive	N= NON ROHS Conform		

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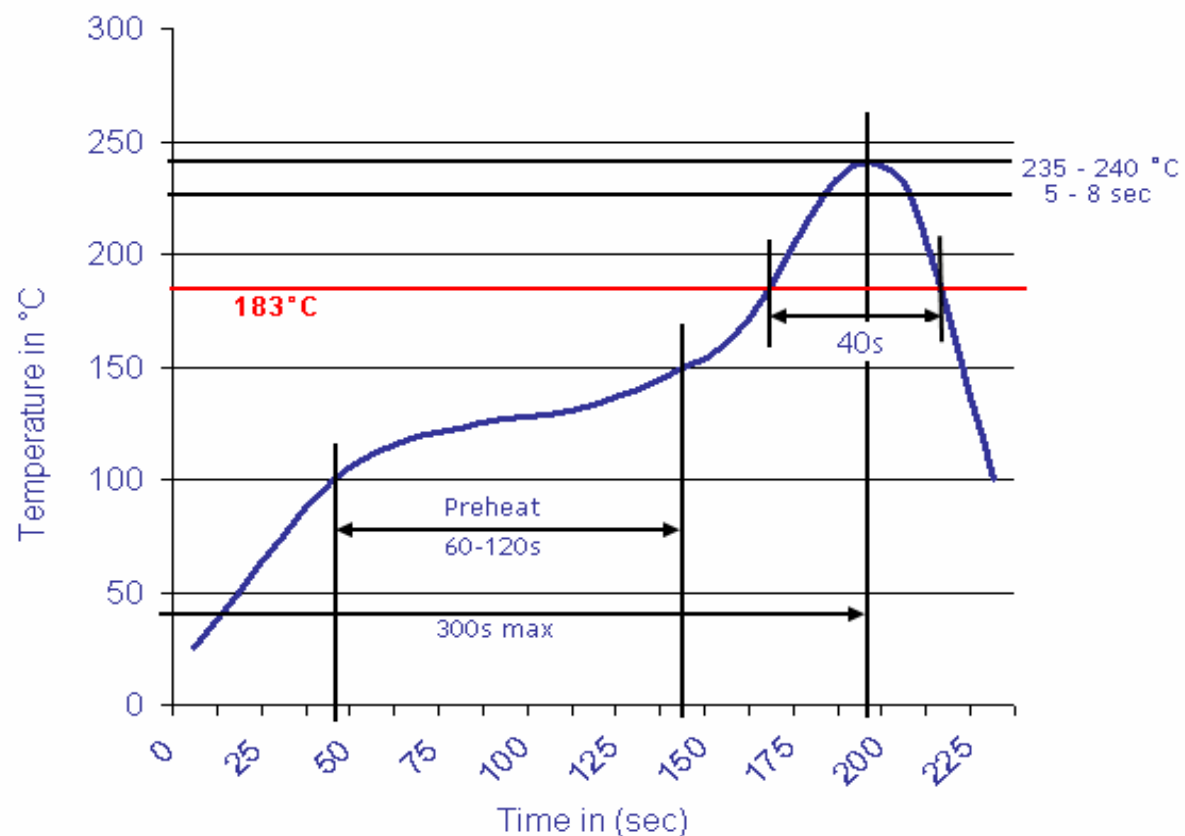
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Soldering Profile Curve

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



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