



DATA SHEET

Radial Wire Wound Resistor 10x31mm 7Watt

Serie: X40004

**Radial Wire Wound Resistor
10x31mm 7Watt**

Serie No.: **X40004**

Customer:

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

EDCON-COMPONENTS



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

**Radial Wire Wound Resistor
10x31mm 7Watt**

Part No.: **X40004**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.10.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 6		

www.edcon-components.com

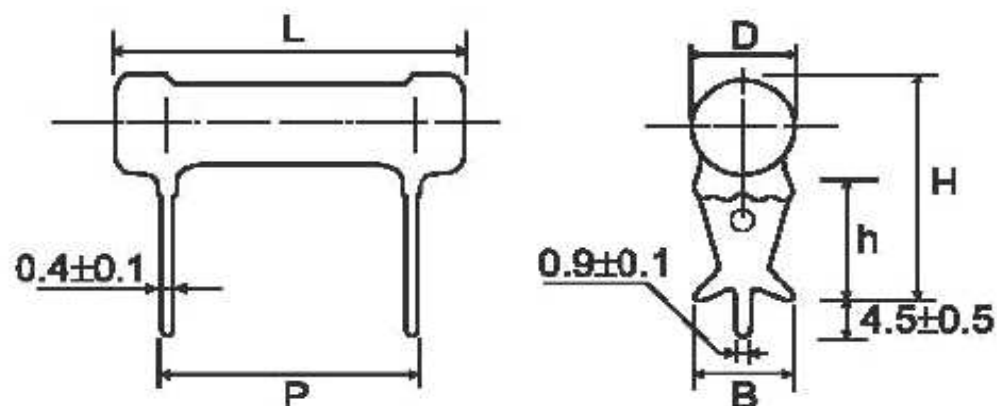
email: info@edcon-components.com

Copyright by Siegfried Tiede

EDCON-COMPONENTS



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	
7W	10	31	20	21,5	13	6,5	1Ω ~ 1,0KΩ

**Radial Wire Wound Resistor
10x31mm 7Watt**

Part No.: **X40004**

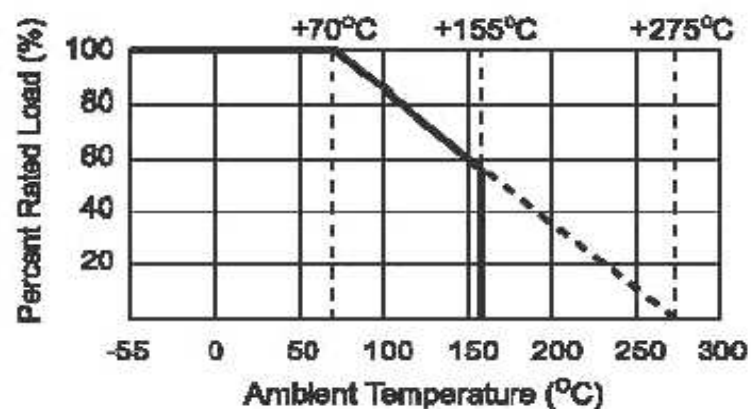
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.10.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 6	

Customer:

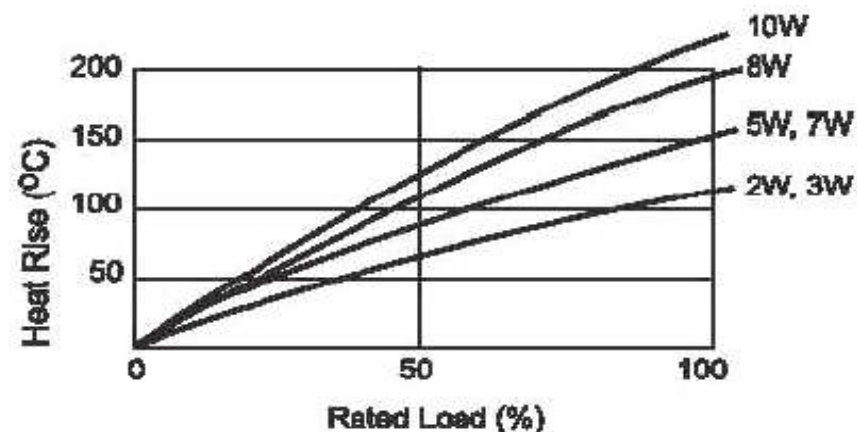
EDCON-COMPONENTS



Derating Curve



Heat Rise Chart



**Radial Wire Wound Resistor
10x31mm 7Watt**

Part No.: **X40004**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.10.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 6		

www.edcon-components.com

email: info@edcon-components.com

EDCON-COMPONENTS



Ordering Informations

Serie	Range	Tolerance	Feature	Special function	ROHS	Packing Code
X40004	102	K	S	00	R	BB
102= 1,0KΩ		J= 5%	S= Standard	00= no function	R= ROHS Conform	BB= Bulk Box
		K= 10% (Standard)	I= Non Inductive		N= NON ROHS Conform	

**Radial Wire Wound Resistor
10x31mm 7Watt**

Part No.: **X40004**

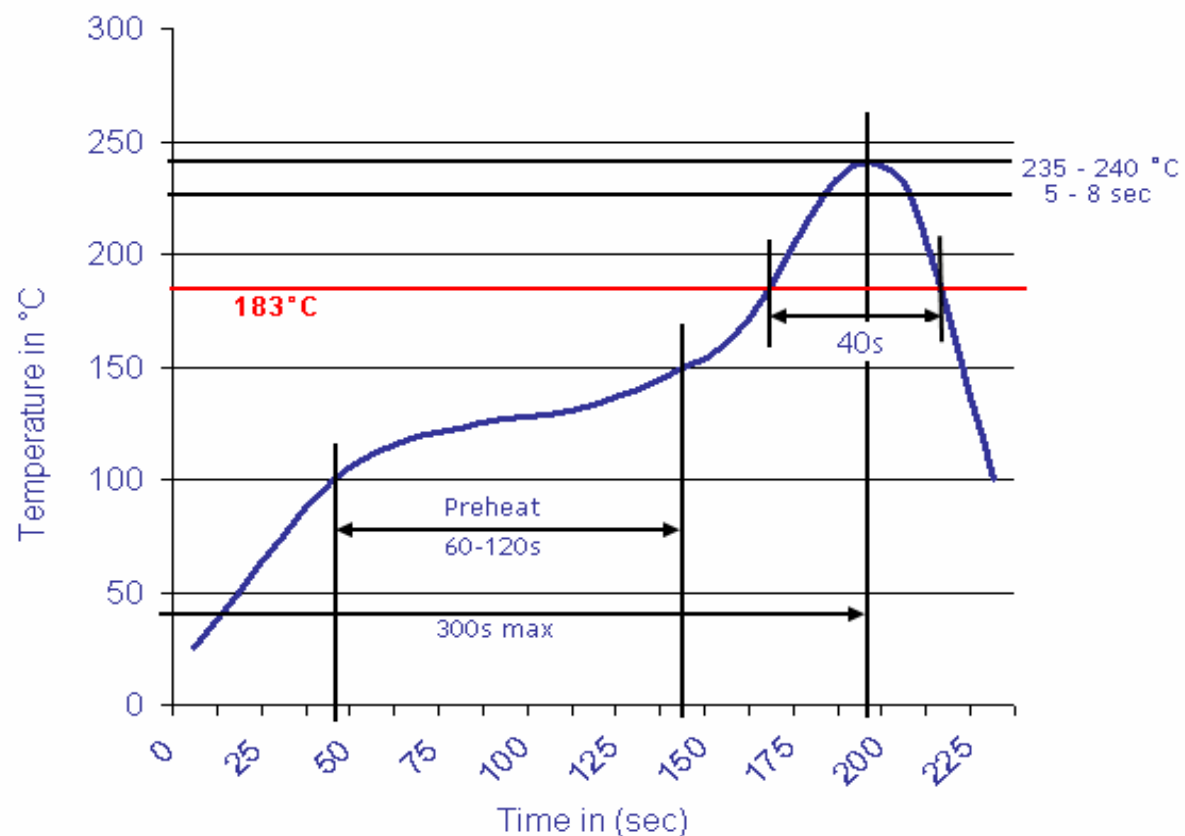
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.10.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	5 from 6	

Customer:



Soldering Profile Curve

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



**Radial Wire Wound Resistor
10x31mm 7Watt**

Part No.: **X40004**

Customer:

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