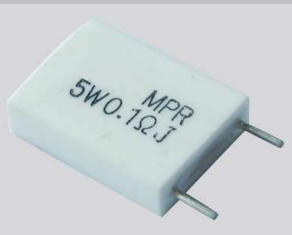


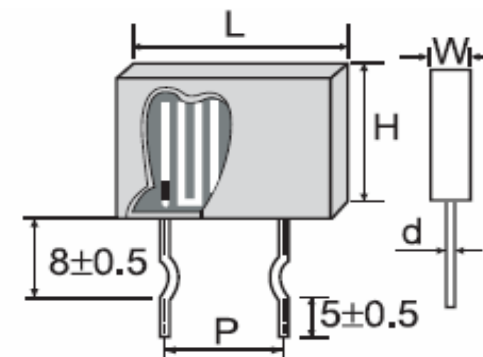
# EDCON-COMPONENTS



## Technical Description

Temperature Coefficient:	± 350PPM/°C
Short Time Overload:	± (2% +0,05Ω)Max., with no evidence of mechanical damage
Dielectric Withstanding Voltage:	2000 Volt
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:	± (5% +0,05Ω)Max., with no evidence of mechanical damage
Humidity Cycling:	± (5% +0,05Ω)Max., with no evidence of mechanical damage
Load Life in Humidity:	± (5% +0,05Ω)Max., with no evidence of mechanical damage
Load Life:	± (5% +0,05Ω)Max., with no evidence of mechanical damage

## Drawing



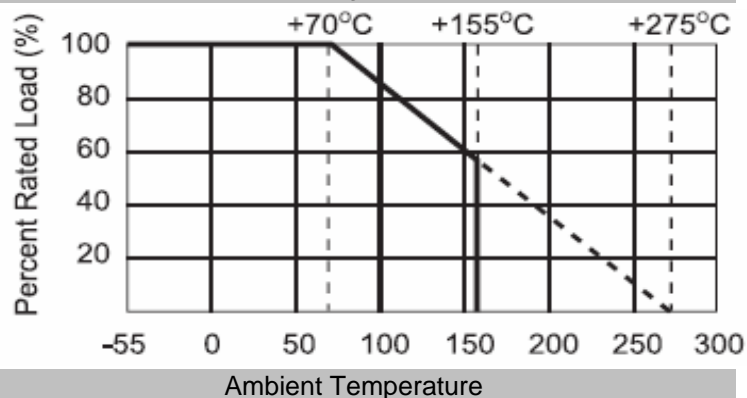
## Features

Low Inductance; Safety flameproof construction; Thin & lightweight save PCB space  
 Low temperature coefficient, low noise, high load power, high insulating  
 Automatically insertable; Application TV, Microwave, Audio,

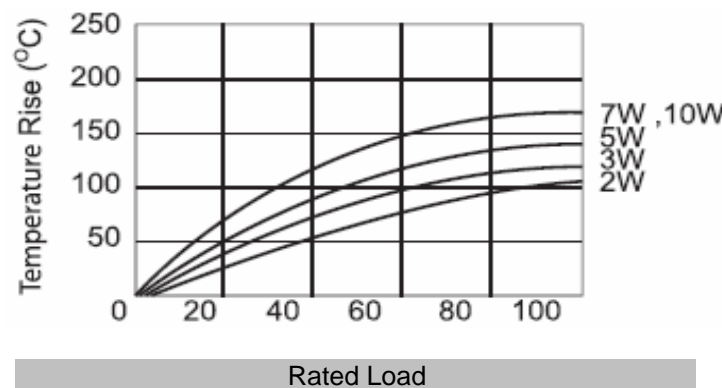
Dimension (mm)

W +0 -0,5	H ±1	L ±1	d ±0,5	P ±1
5,0	13,0	14,0	0,8	9,0

Derating Curve



Heat Rise Chart

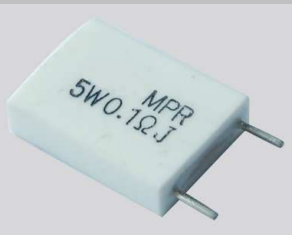


**3Watt Power Flat Alloy Resistor ( non-inductiv)**

Part No.: **X48002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.03.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 3		

# EDCON-COMPONENTS



Resistance Range Tol. 5% & 10%  
0,01 ~ 0,68 Ω

Operating Temperature  
-55°C ~ +275°C

## Ordering Informations

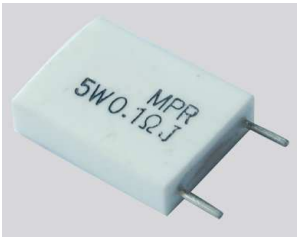
Serie	Range Code	Tolerance Code	Lead Style	Lead Option	ROHS	Packing				
<b>X48002</b>	<b>0R01</b>	<b>K</b>	<b>A</b>	<b>A</b>	<b>R</b>	<b>BU</b>				

<b>0R01</b> = 0,01Ω look Range	<b>K</b> = ±10%	<b>A</b> = Straight Lead	<b>A</b> = Lead Length 14mm	<b>R</b> = ROHS Conform	<b>BU</b> = Bulk-Ware
	<b>J</b> = ±5%	<b>B</b> = Kinked Lead	<b>B</b> = Lead Length 7mm	<b>N</b> = NON ROHS Conform	
			<b>C</b> = Lead Length 3,5mm		

**3Watt Power Flat Alloy Resistor ( non-inductiv)**

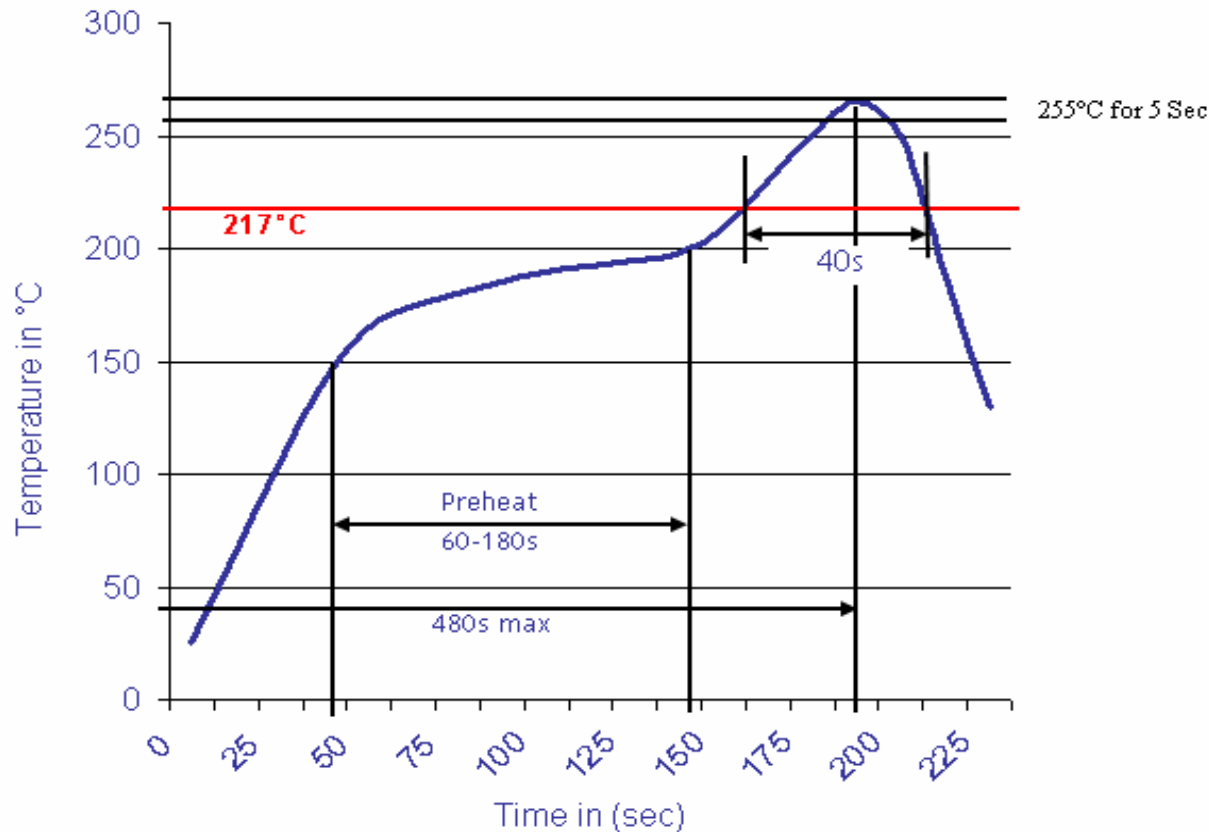
Part No.: **X48002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.03.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 3		



**Soldering Profile Curve**

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



<b>3Watt Power Flat Alloy Resistor ( non-inductiv)</b>	
Part No.:	<b>X48002</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.03.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 3