



# DATA SHEET

## Metal Oxide Film Fixed Resistor S-Size 8,0x25mm 5Watt

### Serie: X36015

**Metal Oxide Film Fixed Resistor  
S-Size 8,0x25mm 5Watt**

Serie No.: **X36015**

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

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## Specifications

Temperature coefficient	± 350PP/°C
Short time overload	Normal Size ± (1,0% + 0,05Ω) Max, with no evidence of mechanical damage. Small Size ± (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	Normal Size ± (2,0% + 0,05Ω) Max, with no evidence of mechanical damage. Small Size ± (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.
Humidity (Steady state)	. ± (2,0% + 0,05Ω) Max, with no evidence of mechanical damage.
Load life in Humidity	<100KΩ: ±(5,0% + 0,05Ω)max. ≥100KΩ: ±(10,0% + 0,05Ω)max.
Load life	<100KΩ: ±(5,0% + 0,05Ω)max. ≥100KΩ: ±(10,0% + 0,05Ω)max.
Non-flame	No evidence or flamming or cracing

## Features

- High safety standard, high purity ceramic core
- Excellent non-flame coating, non-inductive type available
- Stable performance in diverse environment meet EIAJ-RC2655A requirements
- Too low or to high ohmic value can be supplied on case to case basis.

## Note

- Standard gray base color for normal size product, sea blue color for small size and extra small size product.
- Standard Non-flammable coating
- Non-inductive type available on case to case basis

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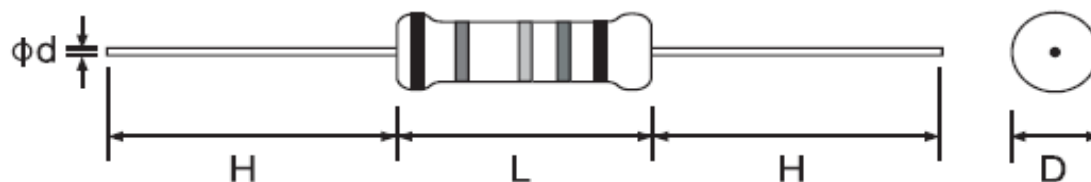
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## Dimensions



Power Rating at 70°C	Dimension (mm)				
	D max.	L max.	d±0.05	H±3	Packing Qty
5W	8,0	25,0	0,75	38	1000PCS

Maximum Working Voltage	Maxi,u, Overload Voltage	Dielectric Withstanding Voltage	Tolerance	Resistange Range	For other ranges please consult EDCON
500V	800V	500V	± 1%	5Ω ~ 150KΩ	
			± 2%	5Ω ~ 150KΩ	
			± 5%	5Ω ~ 150KΩ	

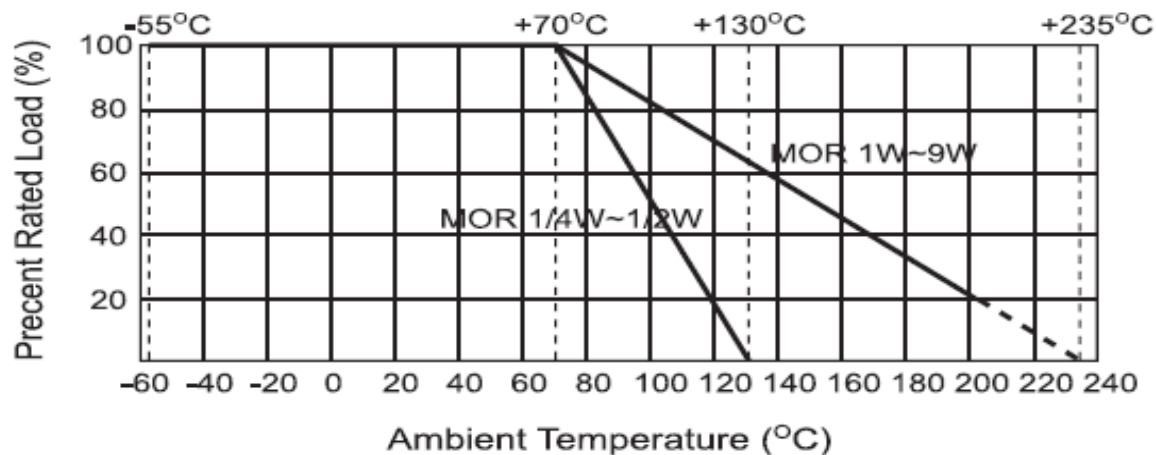
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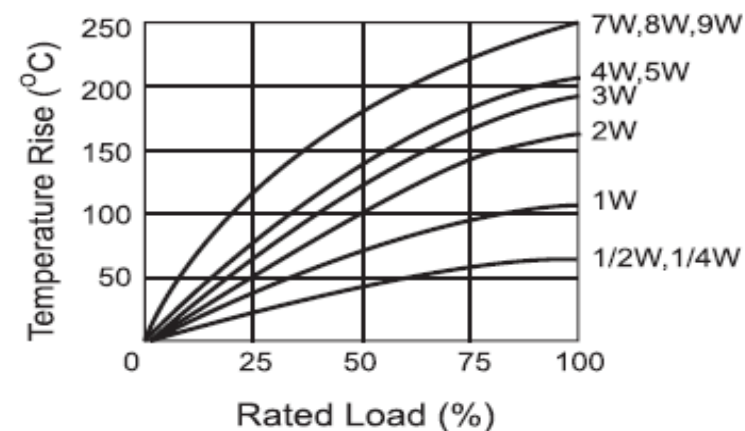
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**Derating Curve**



**Heat Rise Chart**



**Metal Oxide Film Fixed Resistor  
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## Ordering Informations

Serie	Range	Tolerance	Feature	Special function	ROHS	Packing Code
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<b>X36015</b>	<b>154</b>	<b>J</b>	<b>S</b>	<b>00</b>	<b>R</b>	<b>TA</b>
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<b>154=</b> 150KΩ f. Tol. 5%	<b>F=</b> 1%	<b>S=</b> Standard	<b>00=</b> no function	<b>R=</b> ROHS Conform	<b>BU=</b> Bulk Ware
<b>1503=</b> 150KΩ f. Tol. 1%	<b>G=</b> 2%	<b>I=</b> Non Inductive		<b>N=</b> NON ROHS Conform	<b>TA=</b> Tape Ammo Pack
	<b>J=</b> 5% (Standard)				<b>TR=</b> Tape Reel

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Soldering Profile Curve

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



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