



DATA SHEET

10Watt Cement Resistor Radial Style

Serie: X43007

10Watt Cement Resistor Radial Style

Serie No.: **X43007**

Customer:

| | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|------|------------|
| DRW: | Jason | CHKD | Wilson | MATL: | Wilson | TOLERANCE | Mason | DATE | 12.01.2011 |
| APPD: | Schumi | | | FINISH | Jamy | | Sheet No. | | 1 from 5 |

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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 breakdown. |
| 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. |
| Humidity (Steady Style): | ± (5,0% + 0,05Ω) Max., with no evidence of mechanical damage. |
| Load Life in Humidity: | Wire Wound ±(5% + 0,05) Max. Power Film <100KΩ: ±(5,0% + 0,05) Max. ≥100KΩ: ±(10,0% + 0,05) Max. |
| Load Life | Wire Wound ±(5% + 0,05) Max. Power Film <100KΩ: ±(5,0% + 0,05) Max. ≥100KΩ: ±(10,0% + 0,05) Max. |
| Max. Working Voltage: | 500Volt |
| Max. Overload Voltage: | 1000Volt |

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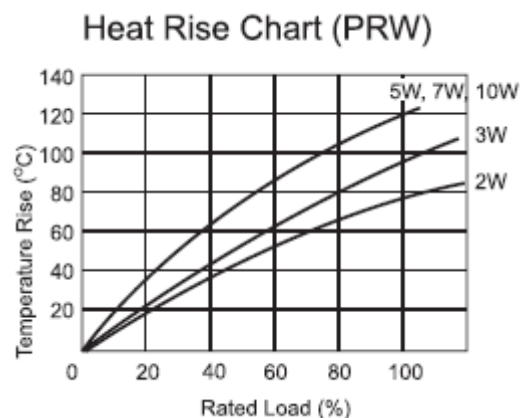
Part No.: **X43007**

| | | | | | | | | | | |
|-------|--------|------|--------|--------|--------|-----------|-----------|----------|------------|-----------|
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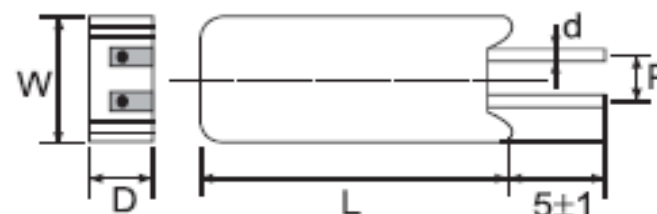
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Heat Rise Chart



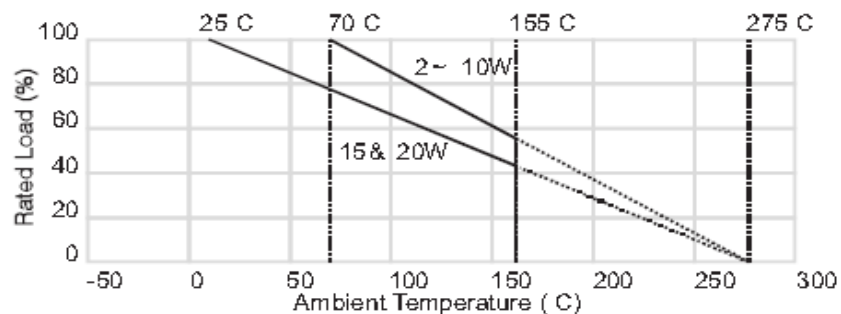
Technical Drawing



Dimensions

| Dimension (mm) | | | | | Resistance Range |
|----------------|-----------|-----------|--------------|-----------|------------------|
| $W \pm 1$ | $D \pm 1$ | $L \pm 1$ | $d \pm 0,05$ | $P \pm 1$ | Wire Wound |
| 16 | 12 | 35 | 0,75 | 7,5 | 0,1Ω ~560Ω |

Derating Curve



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Ordering Informations

| Serie | Range | Tolerance | Lead Style | Special | ROHS | Packing Code | | | | |
|-------|-------|-----------|------------|---------|------|--------------|--|--|--|--|
|-------|-------|-----------|------------|---------|------|--------------|--|--|--|--|

| | | | | | | | | | | |
|---------------|---|------------|----------|-----------|----------|----------|-----------|--|--|--|
| X43007 | - | 561 | K | LL | S | R | BU | | | |
|---------------|---|------------|----------|-----------|----------|----------|-----------|--|--|--|

| | | | | | |
|---|--------------------|-----------------------------------|----------------------------|----------------------------------|-------------------------|
| 561= Range 560Ω | K= Tol. 10% | LL= Long Lead | S= Standard | R= ROHS Conform | BU= Bulk Ware |
| | J= Tol. 5% | XX= Customer Special | I= Non Inductive | N= NON ROHS Conform | BX= Box Ware |
| Resistance Range from 0,1Ω ~ 560Ω | | | | | |

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Soldering Profile Curve

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



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