

- Features:
- Good anti-surge capability
 - Wirewound on ceramic element
 - RoHS compliant / lead-free



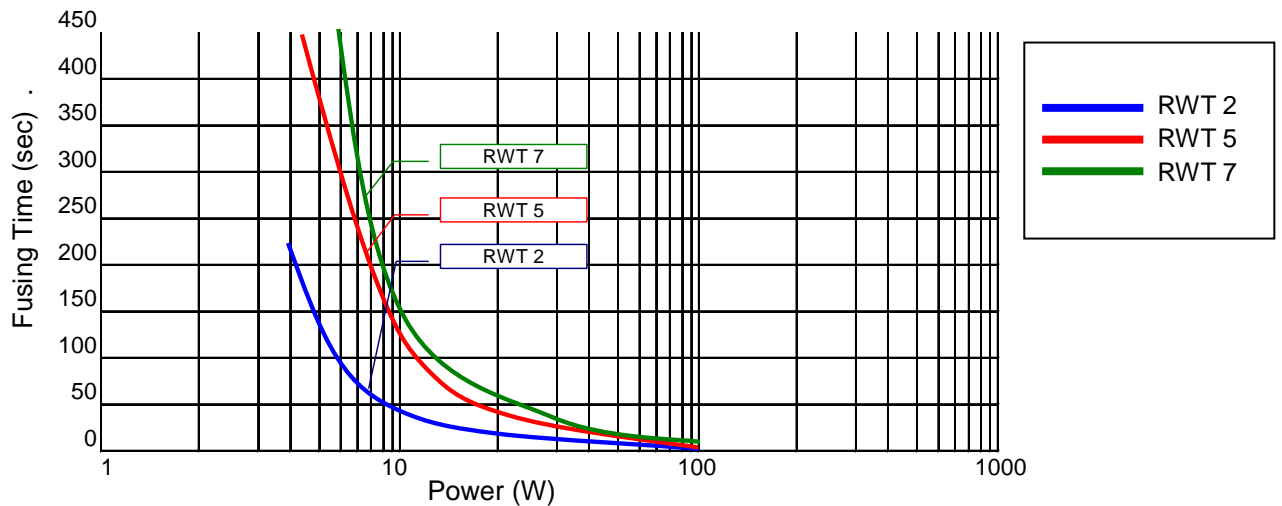
Electrical Specifications						
Type / Code	Element Power Rating (Watts) @ 70°C	Element + Fuse Power Rating (Watts) @ 70°C	Rated Functioning Temperature	Fusing Current	Resistance Temperature Coefficient	Ohmic Range (Ω) and Tolerance
						5%
RWT2	2 W	1.5 W	142°C	2A	±200 ppm/°C	1 - 100
RWT5	5 W	1.6 W				1 - 470
RWT7	7 W	2 W				

Mechanical Specifications																								
				<table border="1"> <thead> <tr> <th>No.</th> <th>Part Name</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Cap</td> </tr> <tr> <td>2</td> <td>Element core</td> </tr> <tr> <td>3</td> <td>Resistive Wire</td> </tr> <tr> <td>4</td> <td>Thermal fuse</td> </tr> <tr> <td>5</td> <td>Enclosed cement</td> </tr> <tr> <td>6</td> <td>Ceramic case</td> </tr> <tr> <td>7</td> <td>Lead wire</td> </tr> </tbody> </table>					No.	Part Name	1	Cap	2	Element core	3	Resistive Wire	4	Thermal fuse	5	Enclosed cement	6	Ceramic case	7	Lead wire
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Type / Code	W	H	S	L	P	d1	d2	Unit																
RWT 2	0.433 ± 0.020 11.00 ± 0.50	0.807 ± 0.059 20.50 ± 1.50	0.276 ± 0.039 7.00 ± 1.00	0.197 ± 0.020 5.00 ± 0.50	0.197 ± 0.039 5.00 ± 1.00	0.024 ± 0.002 0.60 ± 0.05	0.031 ± 0.002 0.80 ± 0.05	inches mm																
RWT 5	0.512 ± 0.039 13.00 ± 1.00	0.984 ± 0.059 25.00 ± 1.50	0.374 ± 0.039 9.50 ± 1.00	0.197 ± 0.020 5.00 ± 0.50	0.197 ± 0.039 5.00 ± 1.00	0.024 ± 0.002 0.60 ± 0.05	0.031 ± 0.002 0.80 ± 0.05	inches mm																
RWT 7	0.512 ± 0.039 13.00 ± 1.00	1.535 ± 0.059 39.00 ± 1.50	0.374 ± 0.039 9.50 ± 1.00	0.197 ± 0.020 5.00 ± 0.50	0.197 ± 0.039 5.00 ± 1.00	0.024 ± 0.002 0.60 ± 0.05	0.031 ± 0.002 0.80 ± 0.05	inches mm																

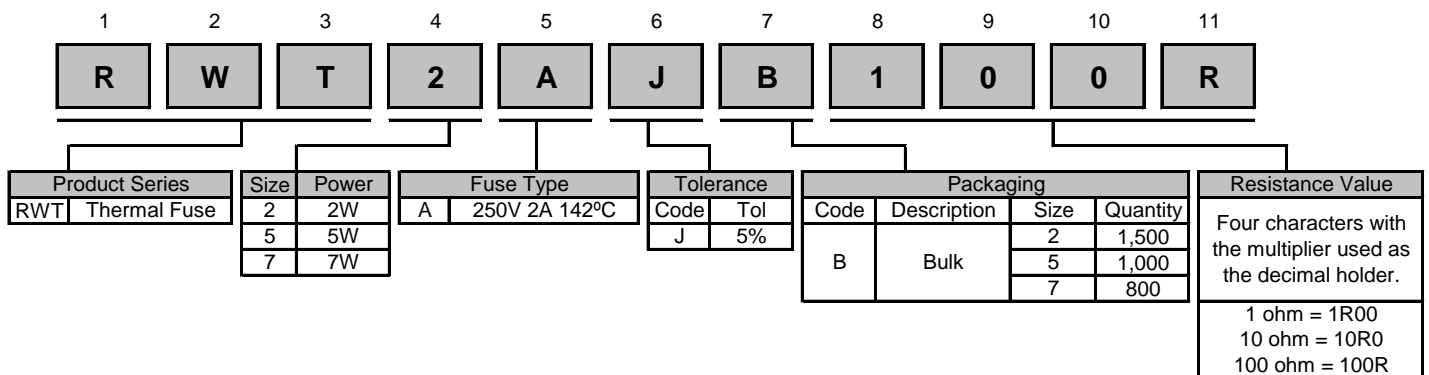
Performance Characteristics		
Test	Test Method	Test Results
Short Time Overload	Apply DV voltage of 2.5 times the rated voltage for 5 sec.	±2%
Load Life	Apply rated DC voltage for 1.5 hr. ON and 0.5 hr. OFF. Total time of 1000 hrs.	±3%
Humidity Test (no load)	Temperature of 40°C. Humidity of 90-95% RH. Total time of 1000 hrs.	±2%
Humidity Test (rated load)	Temperature of 40°C. Humidity of 90-95% RH. Apply 1/10 rated power for 1.5 hr. ON and 0.5 hr. OFF. Total time of 1000 hrs.	±2%
Resistance to Soldering Heat	Dip lead into solder bath at temperature of 260°C x 10°C up to 1.5mm from the body of the resistor. Leave in solder bath for 10 secs. Test after 24 hrs. in room temperature	±1%
Solderability	> 95% coverage	
Insulation Resistance	R < 1GΩ	

Operating Temperature Range : -25°C to +100°C

Fusing Characteristics:



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