

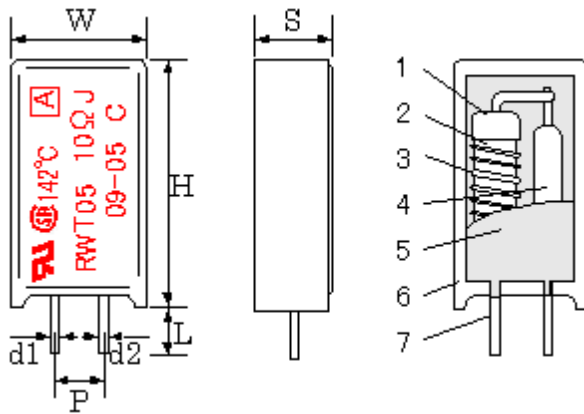
- Features:
- Good anti-surge capability
 - Wirewound on ceramic element
 - RoHS compliant / lead-free



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



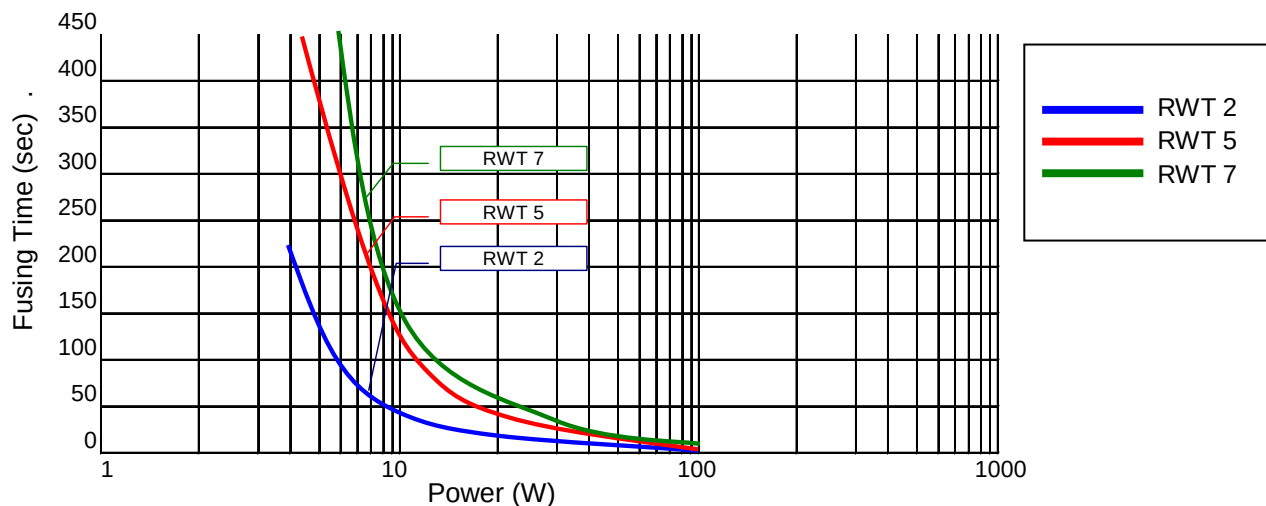
No.	Part Name
1	Cap
2	Element core
3	Resistive Wire
4	Thermal fuse
5	Enclosed cement
6	Ceramic case
7	Lead wire

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:



How to Order													
1	2	3	4	5	6	7	8	9	10	11			
R	W	T	2	A	J	B	1	0	0	R			
Product Series		Size	Power	Fuse Type		Tolerance		Packaging				Resistance Value	
RWT	Thermal Fuse	2	2W	A	250V 2A 142°C		Code	Tol	Code	Description	Size	Quantity	Four characters with the multiplier used as the decimal holder. 1 ohm = 1R00 10 ohm = 10R0 100 ohm = 100R
		5	5W				J	5%	B	Bulk	2	1,500	
		7	7W								5	1,000	
											7	800	