

- Features:
- Good anti-surge capability
 - Wirewound on ceramic element
 - RoHS compliant / lead-free
 - RWT 5 meets Akaneohm UL file no. E255350

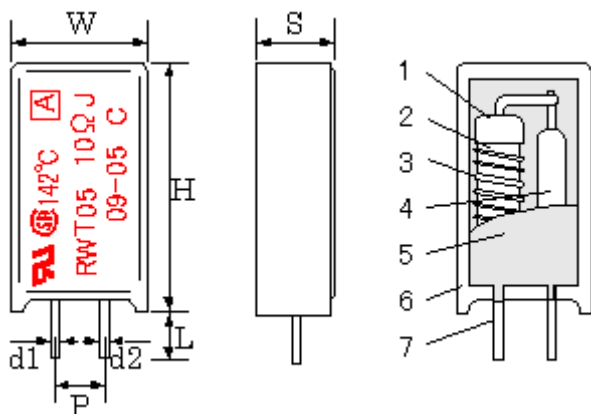


Electrical Specifications						
Type / Code	Element Power Rating (Watts) @ 70°C	Element + Fuse Power Rating (Watts) @ 70°C	Rated Functioning Temperature	Fusing Current	Resistance Temperature Coefficient	Ohmic Range (Ω) and Tolerance
						5%
RWT2	2 W	1.5 W	142°C	2A	±200 ppm/°C	1 - 100
RWT5	5 W	1.6 W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

Performance Specifications		
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	

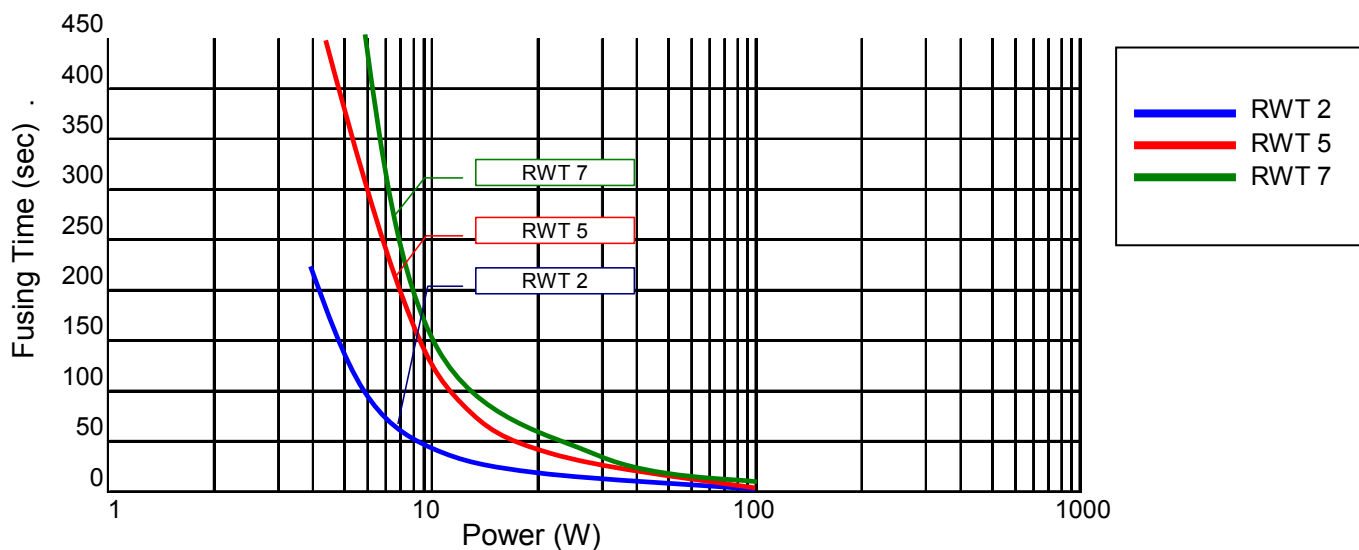
Operating Temperature Range : -25°C to +100°C

Mechanical Specifications								
Type / Code	W	H	S	L	P	d1	d2	Unit
RWT 2	0.433 ± 0.02 11.0 ± 0.5	0.807 ± 0.06 20.5 ± 1.5	0.276 ± 0.04 7.0 ± 1.0	0.197 ± 0.02 5.0 ± 0.5	0.197 ± 0.04 5.0 ± 1.0	0.024 ± 0.002 0.6 ± 0.05	0.032 ± 0.002 0.8 ± 0.05	inches mm
RWT 5	0.512 ± 0.04 13.0 ± 1.0	0.984 ± 0.06 25.0 ± 1.5	0.374 ± 0.04 9.5 ± 1.0	0.197 ± 0.02 5.0 ± 0.5	0.197 ± 0.04 5.0 ± 1.0	0.024 ± 0.002 0.6 ± 0.05	0.032 ± 0.002 0.8 ± 0.05	inches mm
RWT 7	0.512 ± 0.04 13.0 ± 1.0	1.535 ± 0.06 39.0 ± 1.5	0.374 ± 0.04 9.5 ± 1.0	0.197 ± 0.02 5.0 ± 0.5	0.197 ± 0.04 5.0 ± 1.0	0.024 ± 0.002 0.6 ± 0.05	0.032 ± 0.002 0.8 ± 0.05	inches mm



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

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 Four characters with the multiplier used as the decimal holder. 1 ohm = 1R00 10 ohm = 10R0 100 ohm = 100R	
RWT	Thermal Fuse	2	2W	A	250V 2A 142°C		Code	Tol	Code	Description	Size		Quantity
		5	5W				J	5%	B	Bulk	2		1,500
		7	7W								5		1,000
											7		800

Legacy Part Number (before January 3, 2011):

SEI Type		Code	Fuse Type		Nominal Value	Tolerance	Packaging			
RWT		2	A		100	5%	B			
Type	Description	Code	Fuse Type		Tolerance		Types	Qty	Description	Code
RWT	Thermal Fuse	2	A	250V 2A 142°C	5%		RWT2	1,500	Bulk	B
		5					RWT5	1,000		
		7					RWT7	800		