



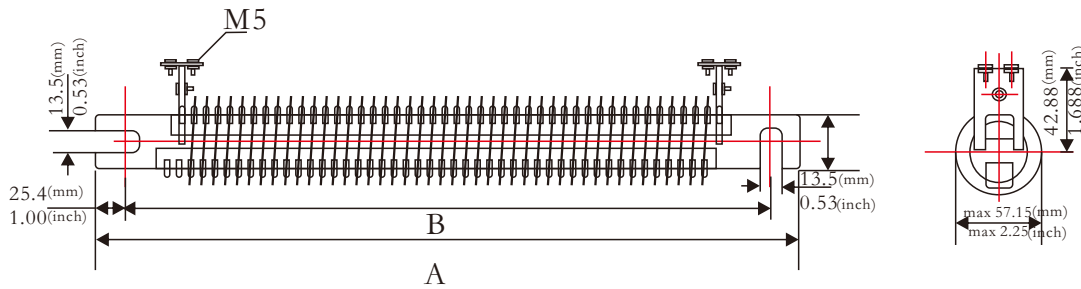
● Feature

- I Metal plate uses high quality ceramic as insulation between resistance body parts
- II Resistor components adopts resistance alloy which performance is very stable
- III Terminal and resistor body introduces argon arc welding process
- IV Continuous surface temperature does not exceed 350 °C

● Applications

- I This kind of resistors is often used in large motor brake discharge circuit
- II Also used in high power electrical equipment

● Dimensions

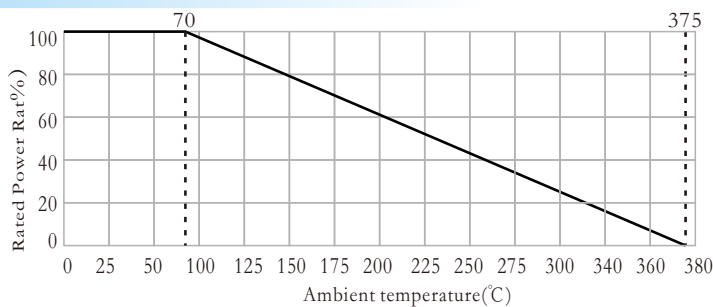


Type	Total Length A		Dimensions B	
	(mm)	(inch)	(mm)	(inch)
RWK-2	225.43	8.875	184.15	7.25
RWK-3	301.63	11.875	260.35	10.25
RWK-4	377.83	14.875	336.55	13.25
RWK-5	454.03	17.875	412.75	16.25
RWK-6	530.23	20.875	488.95	19.25
RWK-7	606.43	23.875	565.15	22.25
RWK-8	682.63	26.875	641.35	25.25

● Power And Resistance etc

Test Items	Performance	Test Methods(JIS C 5201-1)
T.C.R.	$\pm 250\text{ppm}/^\circ\text{C}$	20°C ~ 375°C
Terminals Strength	$\Delta R \leq \pm (2\%R + 0.05\Omega)$	45N, 30s
Thermal shock	$\Delta R \leq \pm (2\%R + 0.1\Omega)$	PR, 30min / -55°C, 15min
overdrive	$\Delta R \leq \pm (2\%R + 0.1\Omega)$	10PR, 5s

● Derating Curve



Reference Standards

JISC 5201-1

Standard resistance and models

Type	Rated cuyyent	Resistance value(Ω) 40°C \pm 10%						
		Type2 SIZE2	Type3 SIZE3	Type4 SIZE4	Type5 SIZE5	Type6 SIZE6	Type7 SIZE7	Type8 SIZE8
RWK	100	0.033	0.057	0.080	0.100	0.120	0.140	0.160
RWK	91	0.040	0.070	0.100	0.120	0.140	0.160	0.180
RWK	89	0.046	0.078	0.110	0.140	0.170	0.200	0.230
RWK	78	0.052	0.088	0.120	0.160	0.160	0.220	0.250
RWK	75	0.060	0.100	0.140	0.180	0.210	0.250	0.300
RWK	68	0.070	0.120	0.180	0.220	0.260	0.300	0.340
RWK	63	0.80	0.130	0.190	0.250	0.300	0.350	0.400
RWK	57	0.100	0.160	0.230	0.300	0.360	0.420	0.480
RWK	54	0.110	0.180	0.250	0.330	0.400	0.470	0.540
RWK	50	0.120	0.200	0.280	0.370	0.450	0.530	0.610
RWK	47	0.170	0.280	0.380	0.500	0.600	0.700	0.800
RWK	43	0.210	0.330	0.460	0.600	0.720	0.850	0.980
RWK	41	0.230	0.360	0.510	0.670	0.800	0.930	1.06
RWK	39	0.260	0.420	0.580	0.750	0.900	1.05	1.20
RWK	33	0.350	0.560	0.770	1.00	1.20	1.40	1.60
RWK	29	0.450	0.730	1.00	1.30	1.50	1.75	2.00
RWK	26	0.560	0.900	1.20	1.60	1.90	2.20	2.50
RWK	18.4	0.690	1.20	1.70	2.20	2.70	3.10	3.50
RWK	16.3	0.880	1.50	2.20	2.80	3.40	4.00	4.60
RWK	14.6	1.10	1.90	2.70	3.50	4.30	5.10	5.90
RWK	12.7	1.40	2.40	3.50	4.50	5.50	6.50	7.50
RWK	11.8	1.70	2.90	4.20	5.40	6.60	7.80	9.00
RWK	10.3	2.10	3.70	6.30	6.80	8.30	9.80	11.3
RWK	9.4	2.70	4.60	6.50	8.50	10.4	12.3	14.2
RWK	8.3	3.4	5.9	8.5	11.0	13.5	16.0	18.5
RWK	7.6	4.1	7.1	10.0	13.0	15.9	18.8	21.7
RWK	6.6	5.3	9.2	13.0	17.0	20.8	24.6	28.4
RWK	5.9	6.3	10.9	15.4	20.0	24.5	29.0	33.5
RWK	5.1	7.9	13.6	19.3	25.0	30.7	36.4	42.1

Ordering Information

example

RWK-2	50A	K	10R	250ppm/°C
Product Name	Rated cuyyent	Tolerance	Resistance Value (Ω)	T.C.R
RWK -2	5.1A	K= \pm 10%	10R=10 Ω	\pm 250ppm/°C
RWK -3	5.9A			
RWK -4	6.6A			
RWK -5	7.6A			
.....	8.3A			
RWK -8			