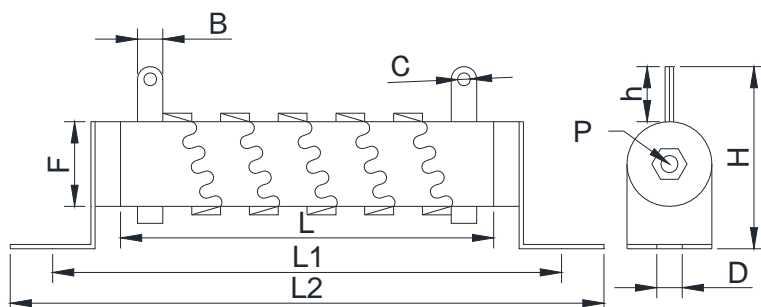
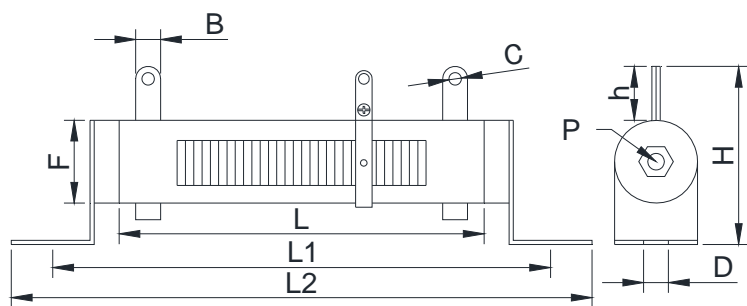


RATED 規格	D TYPE DIMENSIONS 寸法(m/m)										備註	
	WATTS	L	F	B	L1	C ϕ	h	D	L2	H		P
10W	45	12	4			2	9	3.5	65			0.1-5K
20W	60	17	5	73		2.5	12	3.5	96	37	單 M3X81	0.1-6K
30W	80	17	5	93		2.5	12	3.5	112	37	單 M3X100	0.1-7K
40W	110	17	5	123		2.5	12	3.5	142	37	單 M5X135	0.1-10K
50W	110	25	8	140		5	18	6	164	58	單 M5X135	0.1-15K
60W	90	28	8	120		5	18	6	144	60	單 M5X115	0.1-20K
80W	110	28	8	140		5	18	6	164	60	單 M5X135	0.1-25K
100W	140	28	8	170		5	18	6	194	60	單 M5X165	0.1-30K
120W	160	28	8	195		5	18	6	215	60	單 M5X195	0.1-35K
150W	195	28	8	225		5	18	6	244	60	雙 M5X220	0.1-40K
160W	185	35	8	222		5	18	9	248	75	單 M5X210	0.1-45K
200W	210	35	8	247		5	18	9	268	75	雙 M5X235	0.1-50K
250W	210	40	10	250		5	22	9	277	77	雙 M5X235	0.1-60K
300W	260	40	10	300		5	22	9	327	77	雙 M5X295	0.1-70K
350W	300	40	10	340		5	22	9	367	77	雙 M5X300	0.1-75K
400W	330	40	10	370		5	22	9	400	77	雙 M5X365	0.1-80K
500W	330	50	12	370		6	22	10	400	105	雙 M5X365	0.1-90K
600W	400	50	12	440		6	22	10	470	105	雙 M5X440	0.5-100K
700W	460	50	12	500		6	22	10	530	105	雙 M5X495	0.5-110K
800W	460	60	15	505		6	30	10	535	112	雙 M5X495	0.5-120K
1000W	540	60	15	580		6	30	10	610	112	雙 M6X590	0.5-130K
1200W	540	65	15	580		6	30	10	610	112	雙 M6X590	0.5-140K
1300W	650	65	15	690		6	30	10	720	115	雙 M6X690	0.5-150K

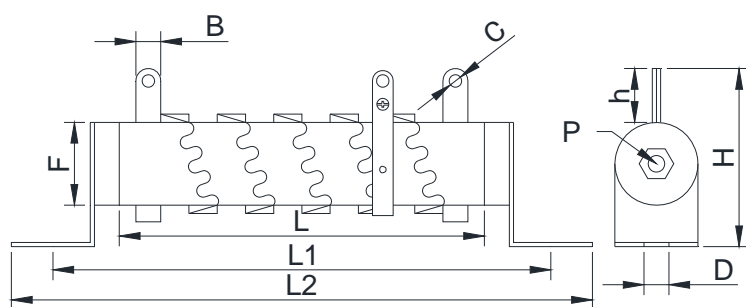
Wire Wound Power Resistor



RATED 規 格	Q TYPE DIMENSIONS 寸法(m/m)										備 註
	WATTS	L	F	B	L1	C ϕ	h	D	L2	H	
75W	90	25	8	120	5	18	6	144	58	單 M5X115	0.5-10
90W	110	25	8	125	5	18	6	164	60	單 M5X135	0.5-11
100W	90	28	8	120	5	18	6	144	60	單 M5X115	0.5-12
120W	110	28	8	145	5	18	6	164	60	單 M5X135	0.5-13
150W	140	28	8	175	5	18	6	195	60	單 M5X165	0.5-15
180W	160	28	8	190	5	18	6	215	60	單 M5X185	0.5-18
200W	185	28	8	215	5	18	6	239	60	雙 M5X215	0.5-20
225W	195	28	8	225	5	18	6	249	60	雙 M5X220	0.5-22
240W	185	35	8	221	5	18	9	250	75	雙 M5X 210	0.5-24
300W	210	35	8	245	5	18	9	268	75	雙 M5X 245	0.5-27
350W	300	28	8	330	5	18	5	355	60	雙 M5X 325	0.5-27
375W	210	40	10	250	5	22	9	277	77	雙 M5X 245	0.5-30
450W	260	40	10	300	5	22	9	327	77	雙 M5X 295	0.5-35
600W	330	40	10	370	5	22	9	400	77	雙 M5X 365	0.5-40
750W	330	50	12	370	6	24	10	400	105	雙 M5X 365	0.5-50
900W	400	50	12	444	6	24	10	469	105	雙 M5X 435	0.5-60
1000W	460	50	12	505	6	24	10	532	105	雙 M5X495	0.5-70
1200W	460	60	15	508	6	30	10	535	112	雙 M5X495	0.5-90
1500W	540	60	15	587	6	30	10	615	112	雙 M6X600	1-120
2000W	650	65	15	690	6	30	10	720	115	雙 M6X690	1-160



RATED 規格	D TYPE DIMENSIONS 寸法(m/m)										備註
WATTS	L	F	B	L1	C ϕ	h	D	L2	H	P	阻值範圍
50W	110	25	8	140	5	18	6	164	58	單 M5X135	0.1-15K
60W	90	28	8	120	5	18	6	144	60	單 M5X115	0.1-20K
80W	110	28	8	140	5	18	6	164	60	單 M5X135	0.1-25K
100W	140	28	8	170	5	18	6	194	60	單 M5X165	0.1-30K
120W	160	28	8	195	5	18	6	215	60	單 M5X195	0.1-35K
150W	195	28	8	225	5	18	6	244	60	雙 M5X220	0.1-40K
160W	185	35	8	222	5	18	9	248	75	單 M5X210	0.1-45K
200W	210	35	8	247	5	18	9	268	75	雙 M5X235	0.1-50K
250W	210	40	10	250	5	22	9	277	77	雙 M5X235	0.1-60K
300W	260	40	10	300	5	22	9	327	77	雙 M5X295	0.1-70K
350W	300	40	10	340	5	22	9	367	77	雙 M5X300	0.1-75K
400W	330	40	10	370	5	22	9	400	77	雙 M5X365	0.1-80K
500W	330	50	12	370	6	22	10	400	105	雙 M5X365	0.1-90K
600W	400	50	12	440	6	22	10	470	105	雙 M5X440	0.5-100K
700W	460	50	12	500	6	22	10	530	105	雙 M5X495	0.5-110K
800W	460	60	15	505	6	30	10	535	112	雙 M5X495	0.5-120K
1000W	540	60	15	580	6	30	10	610	112	雙 M6X590	0.5-130K
1200W	540	65	15	580	6	30	10	610	112	雙 M6X590	0.5-140K
1300W	650	65	15	690	6	30	10	720	115	雙 M6X690	0.5-150K



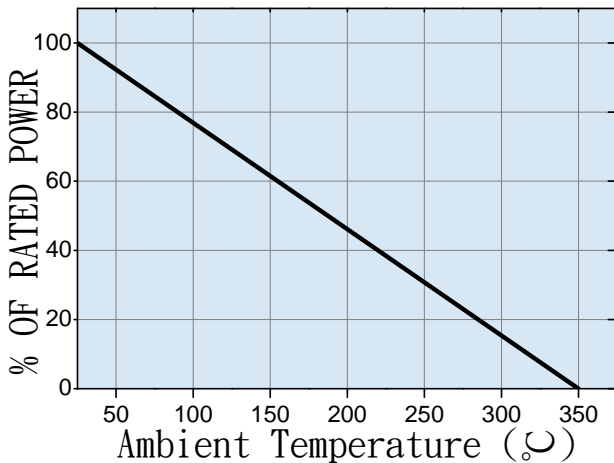
RATED 規 格	Q TYPE DIMENSIONS 寸法(m/m)										備 註
WATTS	L	F	B	L1	C ϕ	h	D	L2	H	P	繞線範圍(Ω)
75W	90	25	8	120	5	18	6	144	58	單 M5X115	0.5-10
90W	110	25	8	125	5	18	6	164	60	單 M5X135	0.5-11
100W	90	28	8	120	5	18	6	144	60	單 M5X115	0.5-12
120W	110	28	8	145	5	18	6	164	60	單 M5X135	0.5-13
150W	140	28	8	175	5	18	6	195	60	單 M5X165	0.5-15
180W	160	28	8	190	5	18	6	215	60	單 M5X185	0.5-18
200W	185	28	8	215	5	18	6	239	60	雙 M5X215	0.5-20
225W	195	28	8	225	5	18	6	249	60	雙 M5X220	0.5-22
240W	185	35	8	221	5	18	9	250	75	雙 M5X 210	0.5-24
300W	210	35	8	245	5	18	9	268	75	雙 M5X 245	0.5-27
350W	300	28	8	330	5	18	5	355	60	雙 M5X 325	0.5-27
375W	210	40	10	250	5	22	9	277	77	雙 M5X 245	0.5-30
450W	260	40	10	300	5	22	9	327	77	雙 M5X 295	0.5-35
600W	330	40	10	370	5	22	9	400	77	雙 M5X 365	0.5-40
750W	330	50	12	370	6	24	10	400	105	雙 M5X 365	0.5-50
900W	400	50	12	444	6	24	10	469	105	雙 M5X 435	0.5-60
1000W	460	50	12	505	6	24	10	532	105	雙 M5X495	0.5-70
1200W	460	60	15	508	6	30	10	535	112	雙 M5X495	0.5-90
1500W	540	60	15	587	6	30	10	615	112	雙 M6X600	1-120
2000W	650	65	15	690	6	30	10	720	115	雙 M6X690	1-160

● **ELECTRICAL CHARACTERISTICS**

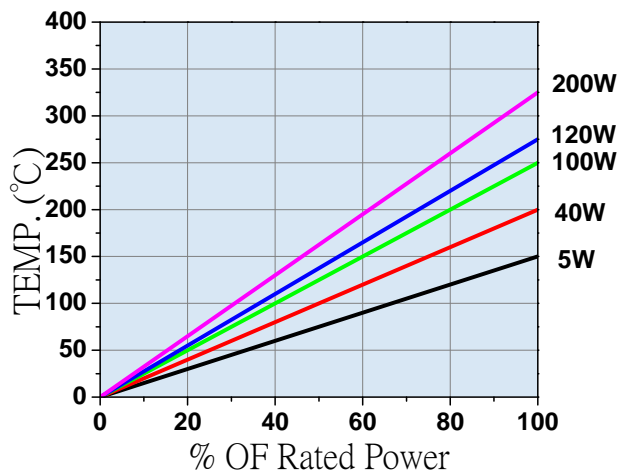
Characteristics	Limits
Resistance and resistance tolerance	Range Resistance tolerance $\pm 5\%$ (J)
Temperature coefficient	FCHR-2 0.14X1.2m/m 1000~1200ppm/°C max (according to the material)
Power rating load	$\Delta R/R \leq \pm(1\% + 0.05\Omega)$ temperature 350°C max
Short-time overload	$\Delta R/R \leq \pm(2\% + 0.05\Omega)$
Insulation resistance	DC500V 100M Ω min
Dielectric withstanding voltage	AC2500V 1.5MA 1 minute

- A. These resistors are made by winding resistance ribbon around a ceramic tube in wave shape, externally coated with non flame paint.
- B. They are extremely good in dissipation of heat, small in size, able to take large load.
- C. Fit for use on heavy electric machines and production machines.

● **DERATING**



● **Surface Temp. Vs Power Load**



- **Resistor body color**
Normal size----- Green

● **PART NUMBER:**

