



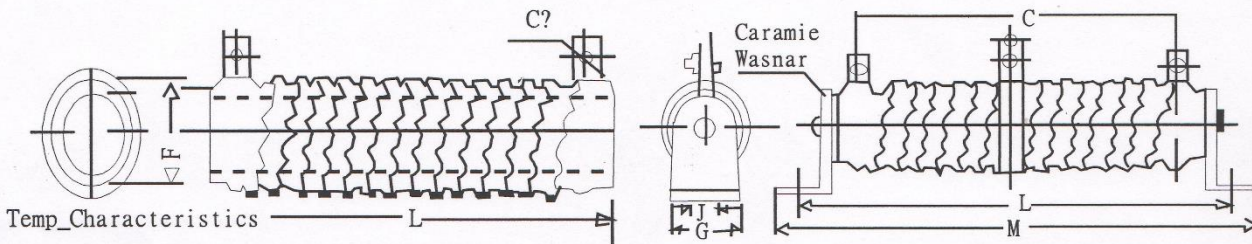
RIBBON TYPE WIREWOUND RESISTOR 波帶型繞線電阻

FEATURES

- High resistivity to heat small resistance temp coefficient and the change in resistance with temperature being linear.
- Resistance value unchanged after long use, good resistivity to short time overload.
- Small in size, able to take large load, fit for use on heavy electric machines and production machines.
- Multi-terminal types and adjustable types available.

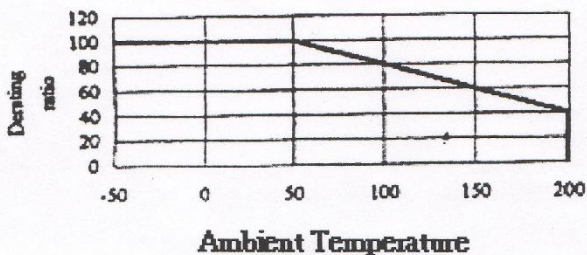
特性

- 耐熱性優, 電阻溫度係數小, 其變化是直線。
- 電阻值經年無變化, 耐短時間過負載。
- 小型而能負載大電力適合於重電機產業之機器使用
- 可製作多端子(抽頭式)及可調整型。
- 特殊規格型式, 皆可製造生產。

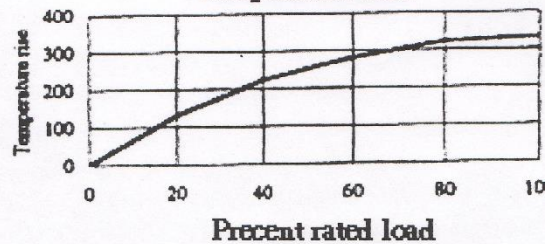


POWER RATING	DIMENSIONS (mm)										RESISTANCE RANGE(Ω)
	L±2	G±1	M±2	t±2	C±2	F±1	H±2	J±0.1	CØ±0.1		
75W	142	25	164	110	92	25	58	6	5.2	0.1Ω-8Ω	
90W	123	28	145	90	72	28	60	6	5.2	0.1Ω-9Ω	
120W	143	28	165	110	92	28	60	6	5.2	0.2Ω-12Ω	
150W	173	28	195	140	122	28	60	6	5.2	0.3Ω-15Ω	
180W	193	28	215	160	142	28	60	6	5.2	0.3Ω-18Ω	
225W	229	28	250	195	177	28	60	6	5.2	0.4Ω-22Ω	
240W	219	35	245	185	167	35	75	8	5.2	0.5Ω-25Ω	
300W	242	35	270	210	192	35	75	8	5.2	0.5Ω-30Ω	
375W	242	40	270	210	188	40	77	8	5.2	0.5Ω-40Ω	
450W	292	40	320	260	238	40	77	8	5.2	0.8Ω-45Ω	
600W	380	40	390	330	308	40	77	6	5.2	1.0Ω-60Ω	
750W	367	50	399	330	304	50	105	9	6.2	0.5Ω-75Ω	
900W	437	50	469	400	374	50	105	9	6.2	1.0Ω-90Ω	
1000W	504	50	533	460	425	50	105	9	6.2	1.0Ω-100Ω	
1200W	504	50	533	460	425	60	112	10	6.2	1.0Ω-120Ω	
1500W	584	58	613	540	505	60	112	10	6.2	1.0Ω-150Ω	
2000W	700	50	715	650	620	60	115	10	6.2	1.0Ω-200Ω	

Power Derating Curve



Temperature Rise





TECH-MEN ELECTRONICS COMPONENTS

Supply * Sub Assemblies * Taping/ Forming Components
Co. Reg. No: 45730100K

TEST ITEM	TEST METHODS	CHARACTERISTICS
Resistance and resistance tolerance	JIS-C-5202 5-1	Resistance Nominal Tolerance $1\Omega > R$ $\pm 10\%(K)$
Temperature coefficient	JIS-C-5202 5-2	$\pm 400\text{PPM} / ^\circ\text{C MAX}$
Power rating load	JIS-C-5202 5-4	$\Delta R/R \leq \pm 1\%$ Surface Δ temperature
Short-time overload	JIS-C-5202 5-5	300% rated power 5 seconds $\Delta R/R \leq \pm 2\%$
Insulation resistance	JIS-C-5202 5-6	100M Ω min DC500V
Dielectric withstanding voltage		AC3000V 1 minute

Short-time Overload Rating

Second load time	5	10	30	60	180	300	600	900	1800
Max amps rated load	400	350	250	200	140	120	110	105	100

MEMA standard/ON-OFF Cycling

Cycling time(second)	5sec ON 75sec OFF	10sec ON 70sec OFF	15sec ON 75sec OFF	15sec ON 45sec OFF	15sec ON 30sec OFF	15sec ON 15sec OFF
Max.Amps Rated load	290	215	185	160	150	125