

# Metal Plate Cement Resistors



Compact type with safety design of nonflammability and insulation. Low resistance and strong at surge current.

<b>M P C 70</b> 2 W type	<b>M P C 71</b> 5 W type	<b>M P C 702</b> 2 W + 2 W type	<b>M P C 725</b> 5 W + 5 W type

## Dimensions

Single type	Model	Rated power (W)	Resistance range(Ω)	Tolerance	A (mm)	B (mm)	C (mm)	d <sub>φ</sub> (mm)	Remarks
	MPC 70	2	0.1 ~ 1.0	K	8 ± 1.0	13 ± 1.0	4 ± 0.5	0.6	
	MPC 78	2	0.1 ~ 0.47	K	8 ± 1.0	13 ± 1.0	4 ± 0.5	0.6	Low distortion factor products for acoustic products
	MPC 76	2	0.01 ~ 0.05	K	8 ± 1.0	13 ± 1.0	4 ± 0.5	0.6	
	MPC 71	5	0.1 ~ 1.0	K	18 ± 1.0	14 ± 1.0	5 ± 0.5	0.6	
	MPC 75	3	0.01 ~ 0.05	K	18 ± 1.0	14 ± 1.0	5 ± 0.5	0.8	
	MPC 75	5	2.2	K	18 ± 1.0	14 ± 1.0	5 ± 0.5	0.6	
	MPC 74	5	0.1 ~ 1.0	K	18 ± 1.0	14 ± 1.0	5 ± 0.5	0.8	Low distortion factor products for acoustic products
	MPC 722	10	2.2, 3.3	J	18 ± 1.0	26 ± 1.0	5 ± 0.5	0.8	

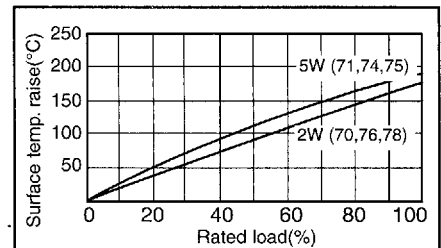
Double type	Model	Rated power (W)	Resistance range(Ω)	Tolerance	A (mm)	B (mm)	C (mm)	d <sub>φ</sub> (mm)	Remarks
	MPC702	2 + 2	0.22 + 0.22 ~ 0.47 + 0.47	K	10 ± 1.0	26.5 ± 1.0	5 ± 0.5	0.6	
	MPC722	5 + 5	0.1 + 0.1 ~ 0.47 + 0.47	K	17 ± 1.0	26 ± 1.0	5 ± 0.5	0.8	Resistor has ideling terminal
	MPC725	5 + 5	0.22 + 0.22 ~ 0.47 + 0.47	K	17 ± 1.0	26 ± 1.0	5 ± 0.5	0.8	

• The terminals are of straight type and kink-forming type.

## Characteristics

Item	Specification	Remarks
Temp. coeff. of resistance	± 350ppm/°C >	
Short-time overload	± 2 % >	10 x rated power for 5 sec.
Withstanding voltage	± 2 % >	500V for 1 min.
Insulation resistance	10MΩ <	500V megger.
Damp. load life	± 5 % >	40°C 95% RH, for 1000hr.
Load life	± 5 % >	70°C for 1000hr.
Unflammability	PASS	According to UL 492 2•7•8

## Applied power vs. surface temp.(Example)



## Part Numbering System

