

**MPC SERIES**

**UPGRADE**

Low ESR, High Ripple Current, Rectangular Type

RoHS compliance

- For snubber circuit.
- Reliability is excellent because these capacitors provide self-healing.
- High isolation and low loss of polypropylene film used.

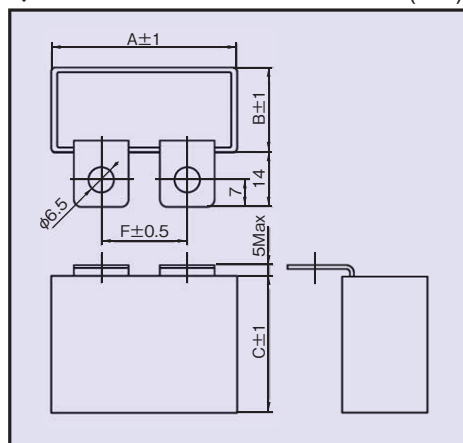


◆SPECIFICATIONS

Category Temperature Range	-40°C~+85°C
Rated Voltage	700Vdc, 1200Vdc, 1600Vdc
Capacitance	0.1μF~2.2μF
Capacitance Tolerance	±5%(J), ±10%(K)
tan δ	0.002max (1kHz 25°C±5°C)
Voltage Proof	Between the terminals : Rated Voltage x 1.75 10s
	Between the terminal and case : 2000Vdc 10s
Insulation Resistance	10000ΩFmin (20°C 60s 500Vdc)
Case	PBT · PPS Resin
Filling Resin	Epoxy Resin

◆DIMENSIONS

(mm)



◆PART NUMBER

□□□  
Rated Voltage
MPC  
Series
□□□  
Capacitance
□  
Capacitance Tolerance
R99  
Option
□  
Terminal Code

[F=22:L2]  
 [F=28:L8]

**◆ STANDARD SIZE**

□ : Capacitance Tolerance    \* : Terminal Code

Rated Voltage	Cap(μF)	Cap Tolerance(%)	Dimensions (mm)				Permissible Current (A r.m.s./10kHz)	Part No.
			A	B	C	F		
700 Vdc	0.1	J (±5%) K (±10%)	37	19	32.5	22	1.3	700MPC104□R99L2
	0.22		37	24	37	22	2.8	700MPC224□R99L2
	0.47		37	24	37	22	4.5	700MPC474□R99L2
	0.68		37	24	37	22	5.1	700MPC684□R99L2
	1		48	22	35	22,28	5.0	700MPC105□R99L*
	1.5		48	24	38	22,28	7.5	700MPC155□R99L*
	2.2		58	26	40	22,28	8.2	700MPC225□R99L*
1200 Vdc	0.1	J (±5%) K (±10%)	37	19	32.5	22	1.2	121MPC104□R99L2
	0.22		37	24	37	22	2.8	121MPC224□R99L2
	0.47		48	24	38	22,28	4.0	121MPC474□R99L*
	0.68		58	26	40	22,28	3.6	121MPC684□R99L*
	1		58	30	44	22,28	5.3	121MPC105□R99L*
	1.5		58	36	51	22,28	8.0	121MPC155□R99L*
	2		58	36	51	22,28	10.7	121MPC205□R99L*
1600 Vdc	0.1	J (±5%) K (±10%)	37	19	32.5	22	1.2	161MPC104□R99L2
	0.22		37	24	37	22	2.8	161MPC224□R99L2
	0.47		48	24	38	22,28	4.0	161MPC474□R99L*
	0.68		58	26	40	22,28	4.3	161MPC684□R99L*
	1		58	30	44	22,28	6.4	161MPC105□R99L*
	1.5		58	36	51	22,28	9.6	161MPC155□R99L*

• Different capacitance and rated voltage item is available. For details, please consult our sales offices.

• Custom terminal examples  
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