

MPC SERIES

UPGRADE

Low ESR, High Ripple Current, Rectangular Type

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

RoHS compliance

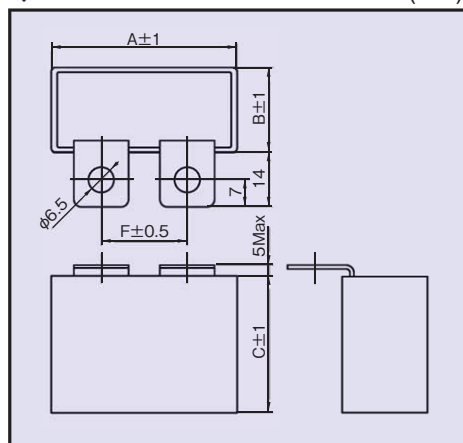


◆SPECIFICATIONS

Category Temperature Range	-40°C~+85°C
Rated Voltage	630Vdc, 1200Vdc, 1600Vdc
Capacitance	0.1µF~2.2µF
Capacitance Tolerance	±5%(J), ±10%(K)
tanδ	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

L□
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		
630 Vdc	0.1	J (±5%) K (±10%)	37	19	32.5	22	1.3	630MPC104□R99L2
	0.22		37	24	37	22	2.8	630MPC224□R99L2
	0.47		37	24	37	22	4.5	630MPC474□R99L2
	0.68		37	24	37	22	5.1	630MPC684□R99L2
	1		48	22	35	22,28	5.0	630MPC105□R99L*
	1.5		48	24	38	22,28	7.5	630MPC155□R99L*
	2.2		58	26	40	22,28	8.2	630MPC225□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
http://www.rubycon.co.jp/catalog/j_pdfs/film/j_MPC_custom.pdf

