

Resin-encased DC film capacitor

MKCA Series



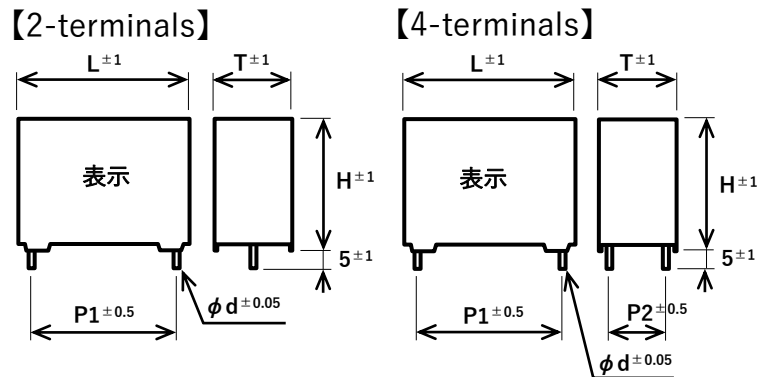
Features

NEW!

- Large DC film capacitor with High voltage and High ripple current
- Suitable for applications that require high voltage and high current such as DC-link in large type inverter and power supply

Specifications

Items	Specifications
Operating temperature range	-40~+105°C (rated voltage derating required over 85°C)
Rated voltage	450, 700, 1100V.DC
Capacitance	1 ~ 80 μ F (tolerance: $\pm 10\%$)
Terminals	Tinned wire leads, 2 or 4 terminals
Dielectric	Polypropylene
Environmental regulation	Comply with RoHS
Reference standard	IEC61071



Standard products table

Rated voltage [V.dc]z	Capacitance [μ F]	I _{max} [Arms] at 10kHz, 70°C	Dimensions [mm]						Part number
			T	H	L	P1	P2 *	ϕ d	
450	3	4	11	20	32	27.5	-	0.8	MKCA450V305KG302EB
	10	10	18	33	32	27.5	-	0.8	MKCA450V106KGA12EB
	50	19.5	35	50	42.5	37.5	20.3	1.2	MKCA450V506KJP04ED
	75	20	35	50	57.5	52.5	20.3	1.2	MKCA450V756KMP14ED
700	1	2.5	9	18	32	27.5	-	0.8	MKCA700V105KG102EB
	8	9	18	33	32	27.5	-	0.8	MKCA700V805KGA12EB
	35	18.5	35	50	42.5	37.5	20.3	1.2	MKCA700V356KJP04ED
	80	23	35	60	57.5	52.5	20.3	1.2	MKCA700V806KMP34ED
1100	1	1.5	11	20	32	27.5	-	0.8	MKCA1100V105KG302EB
	4	7.5	18	33	32	27.5	-	0.8	MKCA1100V405KGA12EB
	18	14.5	35	50	42.5	37.5	20.3	1.2	MKCA1100V186KJP04ED
	35	16	35	60	57.5	52.5	20.3	1.2	MKCA1100V356KMP34ED

* Products with "-" for P2 are 2-terminals products.

◆ If you have any questions about other dimension or capacitance, please feel free to contact us.

Contact us <https://www.aictech-inc.com>

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