

Cylindrically-shape DC film capacitor

MLCA Series Outer diameter ϕ 136mm

Upgrade!

[UPDATE]

Capacitor outer diameter ϕ 136 added to the lineup

⇒ Maximum size of ϕ 136 x 345L is now possible, improving the maximum storage capacity by 30%.



Features

- 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~+85°C
Rated voltage	800~2,200V.DC
Capacitance	400 ~ 4,300 μ F (tolerance: \pm 10%)
Terminals	M6 \times 10
Stud bolt	M12 \times 16
Dielectric	Polypropylene
Environmental regulation	Comply with RoHS
Reference standard	IEC61071、UL810(File No. E474687)

Standard products table

Rated volage [V.dc]	Capacitance [μ F]	Maximum ripple current [Arms]		Dimensions [mm] ϕ D \times L	Part number
		50°C	60°C		
800	2,000	100	90	ϕ 136 \times 175L	MLCA800V208KB136175G
	3,100	100	100	ϕ 136 \times 252L	MLCA800V318KB136252G
	4,300	100	100	ϕ 136 \times 345L	MLCA800V438KB136345G
900	1,500	100	84	ϕ 136 \times 175L	MLCA900V158KB136175G
	2,400	100	95	ϕ 136 \times 252L	MLCA900V248KB136252G
	3,200	100	100	ϕ 136 \times 345L	MLCA900V328KB136345G

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Standard products table

Rated voltage [V.dc]	Capacitance [μ F]	Maximum ripple current [Arms]		Dimensions [mm] ϕ D \times L	Part number
		50°C	60°C		
1,100	1,200	98	80	ϕ 136 \times 175L	MLCA1100V128KB136175G
	1,900	100	95	ϕ 136 \times 252L	MLCA1100V198KB136252G
	2,900	100	100	ϕ 136 \times 345L	MLCA1100V298KB136345G
1,200	1,000	92	76	ϕ 136 \times 175L	MLCA1200V108KB136175G
	1,600	100	91	ϕ 136 \times 252L	MLCA1200V168KB136252G
	2,200	100	100	ϕ 136 \times 345L	MLCA1200V228KB136345G
1,300	880	89	72	ϕ 136 \times 175L	MLCA1300V887KB136175G
	1,300	100	88	ϕ 136 \times 252L	MLCA1300V138KB136252G
	1,900	100	96	ϕ 136 \times 345L	MLCA1300V198KB136345G
1,500	1,000	100	100	ϕ 136 \times 252L	MLCA1500V108KB136252G
	1,400	100	100	ϕ 136 \times 345L	MLCA1500V148KB136345G
1,700	760	100	96	ϕ 136 \times 252L	MLCA1700V767KB136252G
2,000	600	100	91	ϕ 136 \times 252L	MLCA2000V607KB136252G
	800	100	100	ϕ 136 \times 345L	MLCA2000V807KB136345G
2,200	500	100	87	ϕ 136 \times 252L	MLCA2200V507KB136252G
	660	100	100	ϕ 136 \times 345L	MLCA2200V667KB136345G

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