

Hitachi DC Filter Capacitor

Conform RoHS

**Film Capacitor
for Power Electronics**

- High ripple capacitors
- High reliability : safety device attached
- 2 types of outer case shape

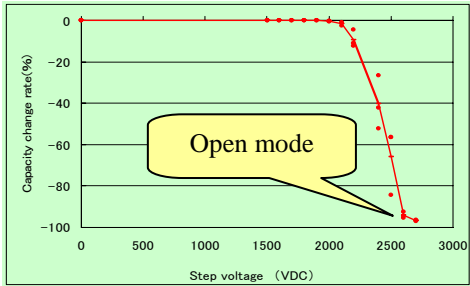
MLC

Cylindrical type



MLD

Oval type



Specifications

items	MLC	MLD
Rated voltage	1100VDC	1100VDC
Capacitance	680 μ F \pm 10%	490 μ F \pm 10%
Permissible ripple current	70Arms (at.5kHz)	60Arms (at.5kHz)
ESL	40nH	40nH
ESR	0.6m Ω	0.5m Ω
Temperature range	-40~+85 $^{\circ}$ C	-40~+85 $^{\circ}$ C
Case size	116 ϕ \times 155H	166 \times 58 \times 145H
Assembling method	Stud screw	Metal bracket
Safety device	With fuse	With fuse

Cylindrical type : **MLC** Standard product table

Division	Case dia	86 ϕ		116 ϕ		Case height
		Rated voltage	capacitance	Ripple current at 70 $^{\circ}$ C	capacitance	
ripple current valuing	800VDC	430 μ F	32Arms	860 μ F	100Arms	135H
	900VDC	340 μ F	27Arms	680 μ F	90Arms	135H
	1100VDC	280 μ F	25Arms	550 μ F	80Arms	135H
	1200VDC	230 μ F	22Arms	450 μ F	70Arms	135H
	1300VDC	190 μ F	20Arms	380 μ F	60Arms	135H
Capacity valuing	800VDC	530 μ F	23Arms	1060 μ F	90Arms	155H
	900VDC	420 μ F	22Arms	840 μ F	80Arms	155H
	1100VDC	340 μ F	22Arms	680 μ F	70Arms	155H
	1200VDC	280 μ F	20Arms	560 μ F	60Arms	155H
	1300VDC	240 μ F	19Arms	470 μ F	55Arms	155H

