

ME-HPC·HPD Series

Miniature, Mid. and High Voltage

Low Profile, Mid. and High Voltage

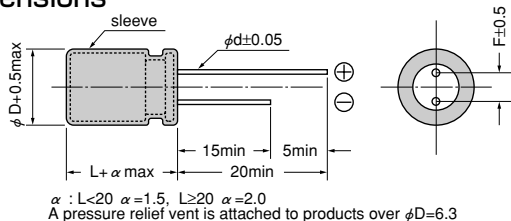


- Do not clean the capacitors using solvent.

Specifications

Items	Condition	Specifications						
Rated voltage (V)	—	160	200	250	350	400	450	
Surge voltage (V)	Room temperature	200	250	300	400	450	500	
Category temperature range (°C)	—	-40 to +85			-25 to +85			
Capacitance tolerance (%)	120Hz/20°C	M : ±20						
Dissipation Factor (tanδ)	120Hz/20°C	0.20	0.20	0.20	0.25	0.25	0.25	
Leakage current (LC)	μA/after 2minutes (max)	CV ≤ 1,000	0.03CV + 15					
		CV > 1,000	0.02CV + 25					
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-25°C Z/Z20°C	3	3	3	4	6	12
		-40°C Z/Z20°C	6	6	6	—	—	—
Endurance	85°C, 2,000hrs. rated voltage applied (With the rated ripple current)	ΔC/C	Within ±20% of the initial value					
		tan δ	≤ 2 times the initial specified value					
		LC	≤ The initial specified value					

Dimensions



(Unit : mm)

φD	5	6.3	8	10	12.5	16	18
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φd	0.5	0.5	0.6	0.6	0.6	0.8	0.8

Size List, Rated Ripple Current

μF	V	160	200	250	350	400	450						
0.47		5×11	10	5×11	11	5×11	12	6.3×11	14	6.3×11	14		
1.0		5×11	21	5×11	23	5×11	25	6.3×11	29	8×11.5	29	8×12.5	26
2.2		6.3×11	31	6.3×11	34	6.3×11	35	8×11.5	40	8×11.5	40	10×16	40
3.3		6.3×11	40	6.3×11	46	8×11.5	48	8×12.5	52	10×12.5	52	10×20	52
4.7		6.3×11	55	8×11.5	57	8×11.5	59	10×12.5	67	10×16	67	12.5×20	67
10		8×11.5	90	8×12.5	92	10×12.5	94	10×16	100	10×20	100	12.5×25	100
22		10×12.5	153	10×16	160	10×20	170	12.5×20	175	12.5×25	180	16×25	180
33		10×20	195	10×20	210	12.5×20	220	12.5×25	225	16×25	230	16×30	220
47		12.5×20	245	12.5×20	250	12.5×25	260	16×25	260	16×30	270	18×35.5	245
68		12.5×20	310	12.5×25	325	16×25	335	16×35.5	340	16×35.5	345	18×30.5	
82		12.5×25	380	16×21	390	16×30	400	18×30.5	405	18×35.5	420		
100		12.5×25	410	16×25	430	16×30	432	18×35.5	440				
150		16×30	550	16×35.5	575	18×35.5	588						
220		18×25	745	18×30.5	760								

Please refer to page 15 for the ripple current frequency coefficient.
Upper : HPC series(0.47μF to 4.7μF:HPC series)
Lower : HPD series

Rated ripple current mArms(120Hz, 85°C)
Case size:φDxL(mm)

Model No.

