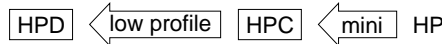


Smaller in size (mid. and high voltage)
Low profile series (mid. and high voltage)

HPC-HPD

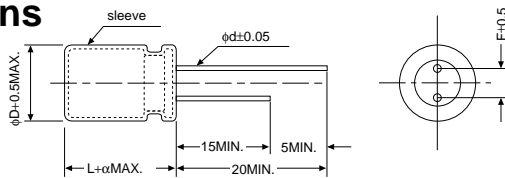
Series



Specifications

Items		Specifications					
Rated voltage (V)		160	200	250	350	400	450
Operating temperature range (°C)		-40 to +85			-25 to +85		
Capacitance tolerance (%)		±20 (120Hz)					
Tangent of loss angle(tan δ)(120Hz)		0.20	0.20	0.20	0.25	0.25	0.25
Leakage current (L.C.) (μA/after 2min.)(MAX.)	CV≤1000	0.03CV+15					
	CV>1000	0.02CV+25					
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	3	3	3	4	6	12
	Z _{-40°C} /Z _{20°C}	6	6	6	-	-	-
High-temperature load rated voltage applied	Test	85°C 2000hrs.					
	ΔC/C	Within ±20% of the initial value					
	tan δ	≤ Twice the initial standard					
	L.C.	≤ The initial standard					
Other characteristics		Conform to IEC 384-4					

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

A pressure relief vent is attached to products over φD=8
α: L<20 α=1.5, L≥20 α=2.0

Size List

(φD×Lmm)

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
											16×21	
22	10×12.5	153	10×16	160	10×20	170	12.5×20	175	12.5×25	180	16×25	180
									16×21		18×21	
33	10×20	195	10×20	210	12.5×20	220	12.5×25	225	16×25	230	16×30	220
							16×21		18×21		18×25	
47	12.5×20	245	12.5×20	250	12.5×25	260	16×25	260	16×30	270	18×35.5	245
					16×21		18×21		18×25			
68	12.5×20	310	12.5×25	325	16×25	335	16×35.5	340	16×35.5	345	18×41	270
			16×21		18×21		18×25		18×30.5			
82	12.5×25	380	16×21	390	16×30	400	18×30.5	405	18×35.5	420		
	16×21				18×25							
100	12.5×25	410	16×25	430	16×30	432	18×35.5	440	18×41	450		
	16×21		18×21		18×25							
150	16×30	550	16×35.5	575	18×35.5	588						
	18×25		18×30.5									
220	16×35.5	745	18×35.5	760	18×41	760						
	18×30.5											
330	18×41	800										

Upper ; HPC series.

Lower ; HPD series.

Maximum permissible ripple current (mA r.m.s)

at 120Hz, 85°C

HPC series

Model No. 160MV2R2HPC

2.2μF, nominal capacitance

160V, rated voltage

HPD series

450MV10HPD

10μF, nominal capacitance

450V, rated voltage