

ME-HC Standard Series

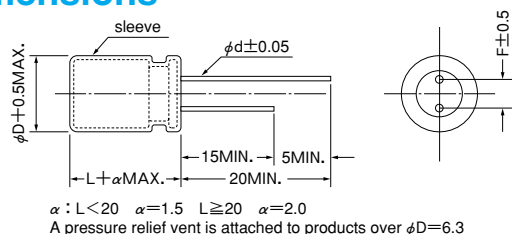
This series is standard.
Solvent proof (within 5 minutes).



Specifications

Items		Specifications							
Rated voltage (V)		6.3	10	16	25	35	50	63	100
Category temperature range (°C)		-40 to +85							
Capacitance tolerance (%)		± 20 (120Hz/20°C)							
Tangent of loss angle ($\tan \delta$) (MAX.)		0.28	0.24	0.20	0.16	0.14	0.12	0.10	0.10
		When nominal capacitance exceeds 1000 μF , add 0.02 to the value above for each 1000 μF increase. (120Hz/20°C)							
Leakage current (L.C.) (μA /after 2min.) (MAX.)		The greater value of either 0.01CV or 3							
Impedance (120Hz) ratio at low temperature (MAX.)	Z-25°C/Z20°C	5	4	3	2	2	2	2	2
	Z-40°C/Z20°C	12	10	8	6	4	4	4	4
Endurance 85°C 2000 hrs. rated voltage applied.	$\Delta C/C$	Within $\pm 25\%$ of the initial value							
	$\tan \delta$	$\leq$ Twice the initial standard							
	L.C.	$\leq$ The initial standard							

Dimensions



(Unit : mm)

φ D	5	6.3	8	10	12.5	16	18
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φ d	0.5	0.5	0.6	0.6	0.6	0.8	0.8

Size List, Maximum Permissible Ripple Current

μF	V	6.3		10		16		25		35		50		63		100	
0.10												5×11	1.0	5×11	1.2	5×11	2.1
0.22												5×11	2.5	5×11	3.0	5×11	4.7
0.33												5×11	4.0	5×11	4.8	5×11	7.0
0.47												5×11	5.0	5×11	5.0	5×11	10
1.0												5×11	10	5×11	10	5×11	21
2.2												5×11	20	5×11	20	5×11	30
3.3												5×11	28	5×11	28	5×11	40
4.7								5×11	25			5×11	38	5×11	40	5×11	50
10						5×11	28	5×11	40	5×11	45	5×11	50	5×11	60	6.3×11	70
22				5×11	38	5×11	50	5×11	60	5×11	75	5×11	90	5×11	105	8×11.5	120
33	5×11	50	5×11	58	5×11	60	5×11	80	5×11	90	5×11	110	6.3×11	130	8×12.5	145	100
47	5×11	60	5×11	70	5×11	85	5×11	90	5×11	125	6.3×11	135	6.3×11	160	10×12.5	180	220
100	5×11	120	5×11	125	5×11	165	6.3×11	180	6.3×11	200	8×11.5	250	8×12.5	280	10×20	350	330
220	5×11	210	5×11	210	6.3×11	260	8×11.5	320	8×11.5	320	10×12.5	410	10×16	450	12.5×25	550	470
330	6.3×11	260	6.3×11	295	8×11.5	360	8×11.5	380	10×12.5	440	10×16	580	10×20	600	16×25	750	1000
470	6.3×11	330	6.3×11	330	8×11.5	380	10×12.5	540	10×16	585	10×20	750	12.5×20	800	16×31.5	950	2200
1000	8×11.5	420	10×12.5	620	10×16	740	10×20	940	12.5×20	1000	12.5×25	1150	16×25	1250			3300
2200	10×16	890	10×20	1000	12.5×20	1150	12.5×25	1350	16×25	1500	16×31.5	1700					4700
3300	10×20	1080	12.5×20	1300	12.5×25	1500	16×25	1600	16×35.5	1750	18×35.5	1850					6800
4700	12.5×20	1400	12.5×25	1550	16×25	1750	16×31.5	1900	18×35.5	2000							10000
6800	12.5×25	1600	16×25	1800	16×31.5	1900	18×35.5	2000									15000
10000	16×25	1750	16×31.5	1900	18×35.5	2000											
15000	16×35.5	1900	18×35.5	2000													

Case size ; $\phi D \times L$ (mm)

Maximum permissible ripple current ; (mA r.m.s.) at 120Hz, 85°C

Model No. 6 ME 15000 HC

Series code
Capacitance symbol
Type code
Rated voltage