(Unit:mm)

CE-BD

CE-BS CE-BSS CE-FE CE-LD CE-FSS CE-FS CE-FH CE-LH CE-AX CE-KX CE-GA CE-LS CE-ZX CE-ZC CE-LX CE-LL Voltage) CE-PC CE-PH CE-PS CE-PF CE-TH CE-NP CE-FN 1E-SWB -UZ·SZ XX-SAX 1E-SWG ME-CZ ME-CA ME-CX ME-AX ME-WX ME-WA ME-WL ME-WG ME-FX ME-FH ME-PX C·HPD

-FC·FD

IE-SWN

1E-HWN

## RoHS compliance

Aluminum Electrolytic Type / Radial Lead Type

Standard



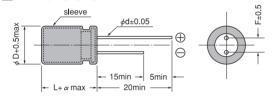
Solvent proof (within 5 minutes)

ME-CZ(P.76) ↑ 105°C·Low Impedance ME-HC

### ■ Specifications

Items	Conditi	on		Specifications									
Rated voltage (V)	_			6.3	10	16	25	35	50	63	100		
Surge voltage (V)	Room temperature			8.0	13	20	32	44	63	79	125		
Category temperature range (°C) —				-40 to +85									
Capacitance tolerance (%)	120Hz/20℃			M: ±20									
Dissipation Factor ( $tan \delta$ )	tanδ (max) 120Hz/20°C			0.28	0.24	0.20	0.16	0.14	0.12	0.10	0.10		
Dissipation Factor (tano)				Exceeding 1,000 $\mu$ F, +0.02 every 1,000 $\mu$ F									
Leakage current (LC)	$\mu$ A/after 2minutes (max)			The greater value of either 0.01CV or 3									
Impedance ratio at low temperature	Based the value at	-25℃	Z/Z20°C	5	4	3	2	2	2	2	2		
	120Hz, +20℃	-40℃	Z/Z20°C	12	10	8	6	4	4	4	4		
Endurance	85°C, 2,000hours.	Δ0	C/C	Within $\pm 25\%$ of the initial value									
	rated voltage applied (With the rated	tan δ		Less than 200% of the specified value									
	ripple current)	L	С		Less than the specified value								

### Dimensions



$\phi$ 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
<b>φ</b> d	0.5	0.5	0.6	0.6	0.6	0.8	0.8

 $\alpha$ : L<20  $\alpha = 1.5$ , L≥20  $\alpha = 2.0$ A pressure relief vent is provided for  $\phi$ D=6.3 or bigger

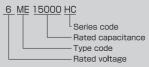
### ■ Size, Rated Ripple Current

μF V	v 6 <b>.</b> 3		10		16		25		35		50		63		100	
2.2	1				i		i				5×11	20	5×11	20	5×11	30
3.3					1						5×11	28	5×11	¦ 28	5×11	40
4.7	1						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
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
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
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
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_
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	16×30	950
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		
2200	10×16	890	10×20	1000	12.5×20 ¦	1150	12.5×25	1350	16×25	1500	16×31.5	1700		l I		1
3300	10×20	1080	12.5×20	1300	12.5×25 !	1500	16×25	1600	16×35.5	1750	18×35.5	1850		İ		<u> </u>
4700	12.5×20	1400	12.5×25	1550	16×25	1750	16×31.5	1900	18×35.5	2000						
6800	12.5×25	1600	16×25	1800	16×31.5	1900	18×35.5	2000								
10000	16×25	1750	16×31.5	1900	18×35.5	2000								l		i .
15000	16×35.5	1900	18×35.5	2000			l							I		1

Please refer to page 15 for ripple current frequency coefficients.

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





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