

●縦型チップ長寿命品

**EC-FHシリーズ** JIS C5101  
CE-32  
(耐洗浄品)

■特徴

・ EC-FHシリーズは、面実装タイプの長寿命品です。

●VERTICAL CHIP LONG LIFE TYPE

**TYPE EC-FH** JIS C5101  
CE-32  
(Washable product)

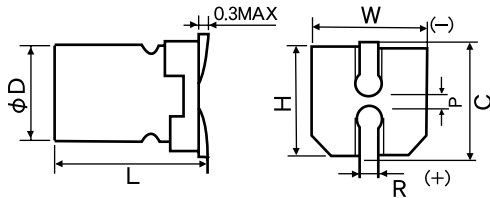
■FEATURES

・ EC-FH series is long life.

■性能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	-40°C~+105°C															
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	-20%~+20% (120Hz)															
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX. VALUE)	I=0.01CV OR 3μA WHICHEVER C=RATED CAPACITANCE (μF) V=WORKING VOLTAGE (V)															
損失角の正接 (最大値) (tan δ)	DISSIPATION FACTOR (MAX. VALUE)	<table border="1"> <tr> <th>W. V</th> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <th>Tan δ</th> <td>0.30</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.14</td> </tr> </table>	W. V	6.3	10	16	25	35	50	Tan δ	0.30	0.24	0.20	0.16	0.14	0.14	
		W. V	6.3	10	16	25	35	50									
Tan δ	0.30	0.24	0.20	0.16	0.14	0.14											
<small>When the capacitance exceed 1,000 μF, the value of tan δ is increased by 0.02 for each increment of 1,000 μF or its fraction.</small>																	
耐久性 105°C 2000時間 定格電圧印加 (φ8~φ10: 3000時間、φ12.5~φ16: 5000時間)	ENDURANCE APPLICATION OF RATED VOLTAGE, AT 105°C FOR 2000hrs. (φ8~φ10: 3000hrs, φ12.5~φ16: 5000hrs)	CAPACITANCE CHANGE: LESS THAN 25% OF THE INITIAL MEASURED VALUE. DISSIPATION FACTOR: LESS THAN 250% OF THE INITIAL SPECIFIED VALUE. LEAKAGE CURRENT: LESS THAN THE INITIAL SPECIFIED VALUE.															
低温特性 (+20°Cにおける120Hzの インピーダンスに対する比) (最大値)	LOW TEMPERATURE STABILITY (RATIO OF IMPEDANCE AT COLD TO THAT AT 20°C, 120Hz. MAX. VALUE.)	<table border="1"> <tr> <th>W. V</th> <td>6.3</td> <td>10</td> <td>16・25</td> <td>35・50</td> </tr> <tr> <th>-25°C / +20°C</th> <td>4</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <th>-40°C / +20°C</th> <td>8</td> <td>6</td> <td>4</td> <td>3</td> </tr> </table>	W. V	6.3	10	16・25	35・50	-25°C / +20°C	4	3	2	2	-40°C / +20°C	8	6	4	3
		W. V	6.3	10	16・25	35・50											
		-25°C / +20°C	4	3	2	2											
-40°C / +20°C	8	6	4	3													

■寸法図/DIAGRAM OF DIMENSIONS



(単位: mm)

D±0.5MAX.	L±0.3	W±0.2	H±0.2	C±0.2	R	P±0.2
4	6.0	4.3	4.3	5.0	0.5~0.8	1.0
5	6.0	5.3	5.3	6.0	0.5~0.8	1.4
6.3	6.0	6.6	6.6	7.3	0.5~0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5~0.8	2.2
8	10.2	8.3	8.3	9.0	0.7~1.0	3.2
10	10.2	10.3	10.3	11.0	1.0~1.4	4.6
12.5	13.5±0.5	12.8	12.8	13.5	1.0~1.4	4.6
16	16.5±0.5	16.3	16.3	17.0	1.8~2.1	7.0

■寸法表 (φD×L) SIZE TABLE (φD×L)

μF	W.V	6.3 (0J)	10 (1A)	16 (1C)	25 (1E)	35 (1V)	50 (1H)
1.0							4×6.0 7
2.2							4×6.0 11
3.3							4×6.0 13
4.7					4×6.0 13	4×6.0 15	5×6.0 19
10				4×6.0 18	5×6.0 23	5×6.0 25	6.3×6.0 32
22	4×6.0	22	5×6.0 27	5×6.0 30	6.3×6.0 42	6.3×6.0 44	6.3×7.7 60
33	5×6.0	30	5×6.0 35	6.3×6.0 44	6.3×6.0 58	6.3×7.7 77	8×10.2 140
47	5×6.0	36	6.3×6.0 46	6.3×6.0 60	6.3×7.7 91	8×10.2 150	8×10.2 150
100	6.3×6.0	67	6.3×6.0 62	6.3×7.7 95	8×10.2 150	8×10.2 160	10×10.2 220
220	6.3×7.7	105	8×10.2 175	8×10.2 175	8×10.2 195	10×10.2 290	12.5×13.5 340
330	8×10.2	195	8×10.2 195	8×10.2 210	10×10.2 290	12.5×13.5 380	
470	8×10.2	210	8×10.2 210	10×10.2 290	12.5×13.5 400		16×16.5 610
680			10×10.2 300		12.5×13.5 415		
1000	10×10.2	300		12.5×13.5 440		16×16.5 620	
1500			12.5×13.5 480		16×16.5 720		
2200	12.5×13.5	490		16×16.5 785			
3300			16×16.5 820				
4700	16×16.5	860					

φ16×16.5L品については、シリーズ名記号をEC-FHTでご用命ください。  
 About φ16×16.5L product, an order give us the series name symbol in EC-FHT.

φD×L      Ripple current (mA r.m.s.)  
 (120Hz, 105°C)

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER

