

●縦型チップ標準品

EC-BSシリーズ JIS C5101 CE-32

非推奨製品 (耐洗浄品)

■特徴 **EC-FSシリーズを推奨します。**

- ・面実装構造で高密度実装に対応できます。
- ・耐熱性に優れ、リフローはんだ付けが可能です。

●VERTICAL CHIP STANDARDIZED TYPE

TYPE EC-BS JIS C5101 CE-32

Deprecated Products (Washable product)

■FEATURES

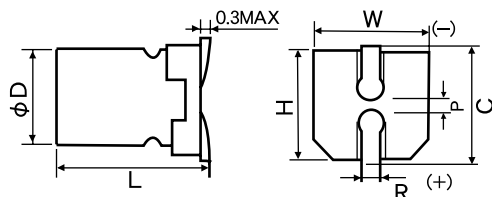
- ・ The capacitor is a surface mounting construction and suited to high density mounting.
- ・ The capacitor excels in heat resistance and can be reflow-soldered.

*The EC-FS series is recommended.

■性能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	-40℃~+85℃																														
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 IS THE GREATER (after 2 minutes) 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> <th>4</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> <tr> <td>φ4~φ6.3</td> <td>0.35</td> <td>0.26</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.12</td> <td>0.12</td> <td>0.10</td> </tr> <tr> <td>φ8~φ16</td> <td>0.40</td> <td>0.30</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.12</td> <td>0.10</td> </tr> </table>	W.V	4	6.3	10	16	25	35	50	63	100	φ4~φ6.3	0.35	0.26	0.20	0.16	0.14	0.12	0.12	0.12	0.10	φ8~φ16	0.40	0.30	0.24	0.20	0.16	0.14	0.12	0.12	0.10
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		When the capacitance exceed 1,000μF, the value of tan δ is increased by 0.02 for each increment of 1,000μF or its fraction.																														
耐久性 85℃ 2000時間 定格電圧印加	ENDURANCE APPLICATION OF RATED OPERATING VOLTAGE, AT 85℃ FOR 2000hrs.	CAPACITANCE CHANGE : LESS THAN 25% OF THE INITIAL MEASURED VALUE. DISSIPATION FACTOR : LESS THAN 200% OF THE INITIAL SPECIFIED VALUE. LEAKAGE CURRENT : LESS THAN THE INITIAL SPECIFIED VALUE.																														

■寸法図/DIAGRAM OF DIMENSIONS



(単位: mm)

D + 0.5MAX	L	W±0.2	H±0.2	C±0.2	R	P±0.2
4	5.4 ^{+0.1} _{-0.2}	4.3	4.3	5.0	0.5~0.8	1.0
5	5.4 ^{+0.1} _{-0.2}	5.3	5.3	6.0	0.5~0.8	1.4
6.3	5.4 ^{+0.1} _{-0.2}	6.6	6.6	7.3	0.5~0.8	2.2
4	6.0±0.3	4.3	4.3	5.0	0.5~0.8	1.0
6.3	6.0±0.3	6.6	6.6	7.3	0.5~0.8	2.2
6.3	7.7±0.3	6.6	6.6	7.3	0.5~0.8	2.2
8	10.2±0.3	8.3	8.3	9.0	0.7~1.0	3.2
10	7.7±0.3	10.3	10.3	11.0	1.1~1.4	4.6
10	10.2±0.3	10.3	10.3	11.0	1.1~1.4	4.6
12.5	13.5±0.5	12.8	12.8	13.5	1.1~1.4	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	4 (OG)	6.3 (OJ)	10 (IA)	16 (IC)	25 (IE)	35 (IV)	50 (IH)	63 (IJ)	100 (2A)
0.47 (R47)							4×5.4	5	
1 (O10)							4×5.4	10	4×6.0
2.2 (2R2)							4×5.4	15	6.3×6.0
3.3 (3R3)							4×5.4	18	6.3×6.0
4.7 (4R7)					4×5.4	19	5×5.4	23	6.3×6.0
10 (100)				4×5.4	25	5×5.4	30	6.3×5.4	34
22 (220)		4×5.4	31	5×5.4	35	5×5.4	39	6.3×5.4	52
33 (330)	4×5.4	26	5×5.4	39	5×5.4	43	6.3×5.4	57	6.3×5.4
47 (470)	4×5.4	34	5×5.4	47	6.3×5.4	59	6.3×5.4	68	6.3×6.0
68 (680)									
82 (820)									
100 (101)	5×5.4	61	6.3×5.4	71	6.3×5.4	76	6.3×5.4	86	6.3×7.7
150 (151)				6.3×6.0	88	6.3×7.7	135	8×10.2	200
220 (221)									
330 (331)	6.3×5.4	82	6.3×6.0	95	6.3×7.7	150	6.3×7.7	150	8×10.2
390 (391)									
470 (471)	6.3×7.7	150	8×10.2	300	8×10.2	300	8×10.2	330	10×10.2
680 (681)									
1000 (102)									
1500 (152)									
2200 (222)									
3300 (332)									
4700 (472)									
6800 (682)									

φD×L Ripple current (mA r.m.s.) (120Hz, 85℃)

φ10×7.7L品については、シリーズ名記号をEC-BSAでご用命ください。
About φ10×7.7L product, an order give us the series name symbol in EC-BSA.

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

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER

