

●縦型チップ105°C品

●VERTICAL CHIP TYPE 105°C USE

VFSシリーズ JIS C5101 CE-32

TYPE VFS JIS C5101 CE-32

(100WV 以下耐洗浄品)

(Through 100WV only Washable product)

■特徴

- ・105°C、1000~2000時間保証品
- ・耐熱性に優れ、リフローはんだ付けが可能です。

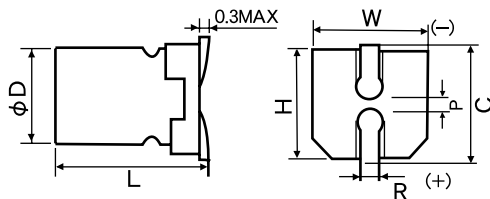
■FEATURES

- ・It is guaranteed for 105°C as well as 1,000~2,000 hours, and is so excellent in heat resistance that it allows reflow soldering.

■性能/PERFORMANCE SPECIFICATIONS

カテゴリー温度範囲	CATEGORY TEMPERATURE RANGE	-55°C~+105°C (6.3~63V)	-40°C~+105°C (100~400V)																																							
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	-20%~+20% (120Hz)	-20%~+20% (120Hz)																																							
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX. VALUE)	6.3~100V : I=0.01CV OR 3μA WHICHEVER IS THE GREATER (after 2 minutes)	160~400V : CV≤1000 ; 0.03CV+15 CV>1000 ; 0.02CV+25																																							
損失角の正接 (最大値) (tan δ)	DISSIPATION FACTOR (MAX. VALUE)	<table border="1"> <thead> <tr> <th>W.V</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> <th>160</th> <th>200</th> <th>250</th> <th>400</th> </tr> </thead> <tbody> <tr> <td>φ4~φ6.3</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.12</td> <td>0.10</td> <td>0.20</td> <td>0.20</td> <td>0.20</td> <td>0.25</td> </tr> <tr> <td>φ8~φ18</td> <td>0.28</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> <td>0.20</td> <td>0.20</td> <td>0.20</td> <td>0.25</td> </tr> </tbody> </table> <p>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.</p>		W.V	6.3	10	16	25	35	50	63	100	160	200	250	400	φ4~φ6.3	0.24	0.20	0.16	0.14	0.12	0.10	0.12	0.10	0.20	0.20	0.20	0.25	φ8~φ18	0.28	0.24	0.20	0.16	0.14	0.12	0.12	0.10	0.20	0.20	0.20	0.25
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耐久性 6.3~100V φ4~φ6.3, φ10×7.7 : 1000時間 φ8~φ18 : 2000時間 160~400V φ8 : 1000時間 φ10~φ18 : 2000時間 105°C定格電圧印加	ENDURANCE 6.3~100V φ4~φ6.3, φ10×7.7 : 1000hrs φ8~φ18 : 2000hrs 160~400V φ8 : 1000hrs φ10~φ18 : 2000hrs APPLICATION OF RATED VOLTAGE AT 105°C	<p>CAPACITANCE CHANGE : LESS THAN 25% OF THE INITIAL MEASURED VALUE.</p> <p>DISSIPATION FACTOR : LESS THAN 200% OF THE INITIAL SPECIFIED VALUE.</p> <p>LEAKAGE CURRENT : LESS THAN THE INITIAL SPECIFIED VALUE.</p>																																								

■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
4	6.0±0.3	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
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	1.0~1.4	4.6
10	10.2±0.3	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	17.3	1.8~2.1	7.0
18	16.5±1.0	19.0	19.0	20.0	1.7~2.1	7.0
18	21.5±0.5	19.0	19.0	20.0	1.7~2.1	7.0

■寸法表 (φD×L) SIZE TABLE (φD×L)

μF	W.V.	6.3V (0J)	10V (1A)	16V (1C)	25V (1E)	35V (1V)	50V (1H)	63V (1J)	100 (2A)	160 (2C)	200 (2D)	250 (2E)	400 (2G)	
0.47 (R47)							4×5.4 3.5	4×5.4 3.5						
1 (010)							4×5.4 7.0	4×5.4 7.0	4×6.0 7.0					
2.2 (2R2)							4×5.4 11	4×5.4 11	6.3×6.0 14				8×10.5 25	
3.3 (3R3)							4×5.4 13	5×5.4 14	6.3×6.0 20			8×10.5 31	10×10.5 36	
4.7 (4R7)					4×5.4 13	4×5.4 14	5×5.4 16	5×5.4 16	6.3×6.0 25			8×10.5 37	10×10.5 38	
6.8 (6R8)												8×10.5 44	12.5×13.5 47	
10 (100)				4×5.4 18	5×5.4 20	5×5.4 21	6.3×5.4 24	6.3×5.4 24	6.3×7.7 35	8×10.5 57	10×10.5 64	10×10.5 64	12.5×13.5 57	
22 (220)	4×5.4 22	5×5.4 25	5×5.4 27	6.3×5.4 36	6.3×5.4 38	6.3×6.0 42	6.3×7.7 49	8×10.2 84	12.5×13.5 112	12.5×13.5 112	12.5×13.5 112	12.5×13.5 112	16×16.5 115	
33 (330)	5×5.4 27	5×5.4 30	6.3×5.4 40	6.3×5.4 44	6.3×6.0 42	6.3×7.7 60	8×10.2 112	10×10.2 133	12.5×13.5 137	12.5×13.5 137	16×16.5 150			
47 (470)	5×5.4 33	6.3×5.4 41	6.3×5.4 48	6.3×6.0 48	6.3×6.0 49	6.3×7.7 63	8×10.2 119	12.5×13.5 240	16×16.5 180	16×16.5 180	16×16.5 180			
68 (680)								8×10.2 126	12.5×13.5 245	16×16.5 215	16×16.5 215			
82 (820)							10×7.7 140			16×16.5 235				
100 (101)	6.3×5.4 50	6.3×5.4 53	6.3×5.4 60	6.3×7.7 91	6.3×7.7 84	8×10.2 140	10×10.2 196	16×16.5 490						
150 (151)		6.3×6.0 62	6.3×7.7 95	8×10.2 140	8×10.2 155	10×7.7 155		16×16.5 500						
220 (221)	6.3×6.0 67	6.3×7.7 105	6.3×7.7 105	8×10.2 175	10×7.7 175	8×10.2 190	10×10.2 220	12.5×13.5 287	18×16.5 650					
330 (331)	6.3×7.7 105	8×10.2 195	8×10.2 195	10×7.7 195	8×10.2 220	10×10.2 300	12.5×13.5 365		18×21.5 700					
390 (390)							12.5×13.5 380							
470 (471)	8×10.2 210	8×10.2 210	8×10.2 210	8×10.2 230	10×10.2 300	12.5×13.5 410		16×16.5 630						
680 (681)	8×10.2 210	10×7.7 210	10×10.2 310			12.5×13.5 430		18×16.5 750						
1000 (102)	8×10.2 230	10×10.2 310		12.5×13.5 460	16×16.5 700	16×16.5 655	18×21.5 900							
1500 (152)	10×10.2 310		12.5×13.5 500		16×16.5 740	18×21.5 1100								
2200 (222)		12.5×13.5 510		16×16.5 805	18×16.5 950									
2700 (272)					18×21.5 1200									
3300 (332)	12.5×13.5 520		16×16.5 840	18×16.5 1040										
3900 (392)				18×21.5 1280										
4700 (472)		16×16.5 880	18×16.5 1090											
5600 (562)			18×21.5 1300											
6800 (682)	16×16.5 930	18×16.5 1100												
8200 (822)		18×21.5 1350												
10000 (103)	18×16.5 1200													
12000 (123)	18×21.5 1350													

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

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

