

●縦型チップ長寿命品

VFHシリーズ JIS C5101
CE-32
(耐洗浄品)

●VERTICAL CHIP LONG LIFE TYPE

TYPE VFH JIS C5101
CE-32
(Washable product)

■特徴

・VFHシリーズは、面実装タイプの長寿命品です。

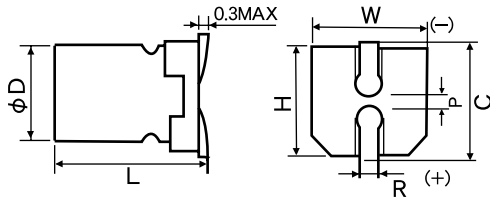
■FEATURES

・VFH 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> <td>W. V</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> </tr> <tr> <td>Tan δ</td> <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											
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.																	
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> <td>W. V</td> <td>6.3</td> <td>10</td> <td>16・25</td> <td>35・50</td> </tr> <tr> <td>-25°C / +20°C</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> </tr> <tr> <td>-40°C / +20°C</td> <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



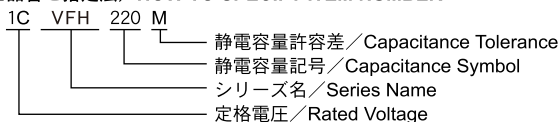
(単位: mm)

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											

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER



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