

●縦型チップ長寿命低インピーダンス品

●VERTICAL CHIP LOW IMPEDANCE LONG LIFE

VLXシリーズ JIS C5101
CE-32
(耐洗浄品)

TYPE VLX JIS C5101
CE-32
(Washable product)

■特徴

・VLXシリーズは、長寿命タイプの低インピーダンス品です。

■FEATURES

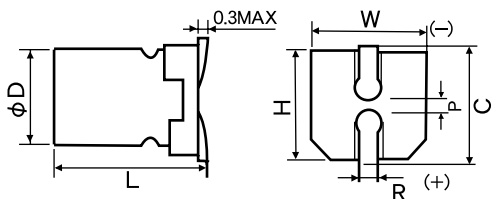
・ This series is a long load life with low impedance.

■性能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	-55°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 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)	W.V	6.3	10	16	25	35·50	63	80	100
		φ4~φ6.3	0.26	0.2	0.16	0.14	0.12	—	—	—
		φ8~φ18	0.28	0.24	0.22	0.16	0.14	0.08	0.08	0.07
		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 105°C 5000時間 定格電圧印加 (φD≤6.3: 2000時間)	ENDURANCE APPLICATION OF RATED VOLTAGE, AT 105°C FOR 5000hrs. (φD≤6.3: 2000hrs)	CAPACITANCE CHANGE: LESS THAN 30% OF THE INITIAL MEASURED VALUE. DISSIPATION FACTOR: LESS THAN 300% 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.)	W.V	6.3	10	16	25	35·50	63	80	100
		-40°C/+20°C	3	3	3	3	3	2	2	2
		-55°C/+20°C	4	4	4	3	3	3	3	3

■寸法図/DIAGRAM OF DIMENSIONS

(単位: mm)

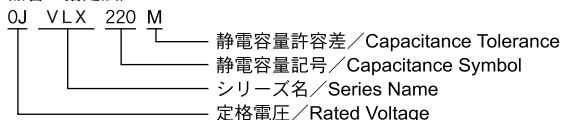


D±0.5MAX.	L±0.3	W±0.2	H±0.2	C±0.2	R	P±0.2
4	6.0	4.3	4.3	5.0	0.5~0.8	1.0
5	6.0	5.3	5.3	6.0	0.5~0.8	1.4
6.3	6.0	6.6	6.6	7.3	0.5~0.8	2.2
6.3	7.7	6.6	6.6	7.3	0.5~0.8	2.2
8	10.2	8.3	8.3	9.0	0.7~1.0	3.2
10	7.7	10.3	10.3	11.0	1.0~1.4	4.6
10	10.2	10.3	10.3	11.0	1.0~1.4	4.6
12.5	13.5±0.5	12.8	12.8	13.5	1.0~1.4	4.6
16	16.5±0.5	16.3	16.3	17.3	1.8~2.1	7.0
18	16.5±0.5	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)	80V (1K)	100 (2A)
4.7 (4R7)										
10 (100)										
15 (150)										
22 (220)										
27 (270)	4×6.0	1.450	90	4×6.0	1.450	90	4×6.0	2.9	60	
33 (330)	5×6.0	0.700	170	5×6.0	0.700	170	5×6.0	0.70	170	
47 (470)	5×6.0	0.700	170	6.3×6.0	0.390	250	6.3×6.0	0.390	250	6.3×6.0
56 (560)	5×6.0	0.700	170	6.3×6.0	0.390	250	6.3×6.0	0.390	250	6.3×6.0
68 (680)	6.3×6.0	0.390	250	6.3×6.0	0.390	250	6.3×6.0	0.390	250	6.3×6.0
100 (101)	5×6.0※2	0.700	170	6.3×6.0	0.390	250	6.3×6.0	0.390	250	6.3×6.0
150 (151)	6.3×6.0	0.390	250	6.3×6.0	0.390	250	6.3×6.0	0.390	250	6.3×6.0
220 (221)	6.3×6.0	0.390	250	6.3×7.7	0.30	300	8×10.2	0.17	450	8×10.2
330 (331)	6.3×7.7	0.3	300	8×10.2	0.17	450	8×10.2	0.17	450	8×10.2
470 (471)	8×10.2	0.17	450	8×10.2	0.17	450	8×10.2	0.17	450	8×10.2
680 (681)	8×10.2	0.170	450	10×10.2	0.09	670	10×10.2	0.09	670	10×10.2
1000 (102)	8×10.2	0.17	450	10×10.2	0.09	670	12.5×13.5	0.060	900	12.5×13.5
1200 (122)										
1500 (152)	10×10.2	0.09	670	12.5×13.5	0.06	900	12.5×13.5	0.06	900	12.5×13.5
2200 (222)	12.5×13.5	0.060	900	12.5×13.5	0.06	900	12.5×13.5	0.06	900	12.5×13.5
2700 (272)										
3300 (332)										
3900 (392)										
4700 (472)										
5600 (562)										
6800 (682)	16×16.5	0.035	1800	18×16.5	0.033	2060	18×16.5	0.033	2060	18×16.5
8200 (822)	16×16.5	0.033	2060	18×21.5	0.028	2260	18×21.5	0.028	2260	18×21.5
10000 (103)	18×16.5	0.033	2060							
12000 (123)	18×21.5	0.028	2260							

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER



Case size ; φD×L (mm)

Ripple current (mA r.m.s.) (100kHz, 105°C)
Impedance (Ω) MAX. at 100kHz, 20°C