

●縦型チップ125℃長寿命品  
**EC-PCシリーズ** (耐洗浄品)

●VERTICAL CHIP 125℃ LONG LIFE TYPE  
**TYPE EC-PC** (Washable product)

■特徴

・ EC-PCシリーズは、125℃1,000~2,000時間の長寿命品です。

■FEATURES

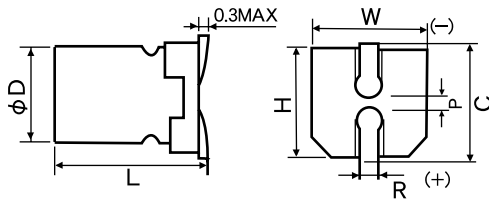
・ EC-PC series is 125℃ long life(1000 to 2000hrs.).

■性能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	-55℃~+125℃	
静電容量許容差	STANDARD CAPACITANCE TOLERANCE	-20%~+20%	
漏れ電流(最大値)	LEAKAGE CURRENT (MAX. VALUE)	I=0.01CV 3μA WHICHEVER IS THE GRATER (after 2 minutes) C=RATED CAPACITANCE(μF) V=RATED VOLTAGE(V)	
損失角の正接(最大値) (tan δ)	DESSIPATION FACTOR (MAX.VALUE) (tan δ)	W.V.	6.3 10 16 25 35 50 63 100
		tan δ	0.30 0.24 0.20 0.16 0.14 0.14 0.12 0.10
		定格静電容量が1,000μFをこえるものは、1,000μF増すごとに上記の値に0.02を加える 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 6.3~50V:2000hrs (φD=6.3 1000hrs) 63V~100V:1500hrs 125℃ 定格電圧印加	ENDURANCE 6.3~50V:2000hrs (φD=6.3 1000hrs) 63V~100V:1500hrs APPLICATION OF RATED VOLTAGE AT 125℃	CAPACITANCE CHANGE: LESS THAN 30% 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

(Unit : mm)



D+0.5max	L±0.3	W±0.2	H±0.2	C±0.2	R	P±0.2
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	17.3	1.8~2.1	7.0

■標準品一覧表/STANDARD PRODUCT TABLE

μF	W.V	6.3 (0J)	10 (1A)	16 (1C)	25 (1E)	35 (1V)	50 (1H)	63 (1J)	100 (2A)
1.0							6.3×6.0 3.5 45		
2.2							6.3×6.0 3.5 45		
3.3							6.3×6.0 3.5 45		
4.7						6.3×6.0 2.0 60	6.3×6.0 3.5 45		
10						6.3×6.0 1.6 70	6.3×6.0 2.8 50		8×10.2 1.0 70
22						6.3×6.0 1.6 70	6.3×7.7 2.0 80	8×10.2 1.0 100	8×10.2 1.0 70
33					6.3×6.0 1.6 70	6.3×7.7 0.9 110	6.3×7.7 2.0 80 8×10.2 0.7 140	8×10.2 1.0 100	10×10.2 0.8 115
47		6.3×6.0 1.6 70	6.3×6.0 1.6 70	6.3×6.0 1.6 70	6.3×7.7 0.9 110	6.3×7.7 0.9 110 8×10.2 0.4 160	8×10.2 0.7 140 10×10.2 0.5 240	8×10.2 1.0 100 10×10.2 0.5 150	12.5×13.5 0.33 350
100	6.3×6.0 1.6 70	6.3×7.7 0.9 110	6.3×7.7 0.9 110	6.3×7.7 0.9 110	6.3×7.7 0.9 110	8×10.2 0.4 160 10×10.2 0.3 220	10×10.2 0.5 240 12.5×13.5 0.23 490	10×10.2 0.5 150 12.5×13.5 0.25 350	16×16.5 0.24 500
220	6.3×7.7 0.9 110	6.3×7.7 0.9 110 8×10.2 0.4 160	8×10.2 0.4 160	8×10.2 0.4 160	8×10.2 0.4 160	10×10.2 0.3 220 12.5×13.5 0.12 550	12.5×13.5 0.23 490	12.5×13.5 0.25 350 16×16.5 0.18 500	
330	8×10.2 0.4 160	8×10.2 0.4 160	10×10.2 0.3 220	10×10.2 0.3 220	10×10.2 0.3 220	12.5×13.5 0.12 550	12.5×13.5 0.23 490 16×16.5 0.15 800	16×16.5 0.18 500	
470	8×10.2 0.4 160	10×10.2 0.3 220	12.5×13.5 0.12 550	12.5×13.5 0.12 550	12.5×13.5 0.12 550	12.5×13.5 0.12 550 16×16.5 0.08 900	16×16.5 0.15 800	16×16.5 0.18 500	
680	10×10.2 0.3 220	12.5×13.5 0.12 550	12.5×13.5 0.12 550	12.5×13.5 0.12 550	12.5×13.5 0.12 550	16×16.5 0.08 900	16×16.5 0.15 800		
1000	12.5×13.5 0.12 550	12.5×13.5 0.12 550	12.5×13.5 0.12 550	12.5×13.5 0.12 550	12.5×13.5 0.12 550	16×16.5 0.08 900	16×16.5 0.08 900		
1500	12.5×13.5 0.12 550	12.5×13.5 0.12 550	16×16.5 0.08 900	16×16.5 0.08 900	16×16.5 0.08 900				
2200	12.5×13.5 0.12 550	16×16.5 0.08 900	16×16.5 0.08 900						
3300	16×16.5 0.08 900	16×16.5 0.08 900							
4700	16×16.5 0.08 900								

Upper: PCS series Lower: PC series

Case size: φD×L (mm)  
16×16.5:EC-PCT series

Ripple current (mA r.m.s.)  
ESR (Ω)  
Max at 100kHz,20℃ (100kHz,125℃)

■品番ご指定法/HOW TO SPECIFY ITEM NUMBER

