PARTY INDUSTRIAL CO., LIMITED

ALUMINUM ELECTROLYTIC CAPACITOR

SM Super Mini Size 5mm Height

☆ FX series is fit for those electronic products which require high temperature. Shorten body length to 5mm,for the demand of smaller and thinner electronic products.

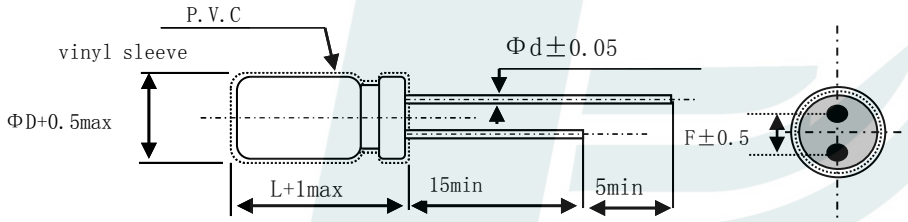
☆ Suitable for high-density electronic products,such as automatic office machines,calculators,car stereous ang micro-

Operating temperature range	－40～+85℃							
Rated voltage range	4～50V DC							
Nominal capacitance range	0.1～470μF							
Capacitance tolerance	±20%(25℃,120Hz)							
Leakage current	1≤0.01$C_R U_R$(μA)Whichever is greater(2minutes)							
Dissipation factor (25℃,120H_Z)	U_R (V)	4	6.3	10	16	25	35	50
	tg δ	0.35	0.24	0.23	0.2	0.16	0.13	0.12
Temperature characteristics (120H_Z)	U_R (V)	4	6.3	10	16	25	35	50
	Z-40℃ / Z+20℃	15	8	6	4	4	3	3
Load life	After appyiyng rated voltage with specified ripple current for 2000hours at '+85℃ and then resumed 16hours; Capacitance change：Within ±20% of the initial measured value Leakage current：Not more than the initial specified value Dissipation factor：Not more than 200% of the iniaial specified value							
Shelf life	After storage for 1000hours at +85℃ then resumed 16hours; Capacitance change：With ±20% of the initial measured value Leakage current：Not more than the initial specified value Dissipation factor：Not more than 200% of the initial specified value							

■Case size table

Unit:(mm)

ΦD	3	4	5	6
F	1.0	1.5	2.0	2.5
Φd	0.4	0.45	0.45	0.45



■Nominal capacitance,rated voltage,rated ripple current and case size table

U_R(V) / ltem / C_R(uf) / code	4 (0G)		6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)	
	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)
0.1 / 0R1													(3)4×5	1
0.22 / R22													(3)4×5	2
0.33 / R33													(3)4×5	3
0.47 / R47													(3)4×5	4
1 / 010													(3)4×5	6
2.2 / 2R2											(3)4×5	8	(3)4×5	8
3.3 / 3R3									(3)4×5	10	4×5	12	4×5	15
4.7 / 4R7							3×5	10	(3)4×5	12	4×5	16	(3)4×5	18
10 / 100			(3)4×5	15	4×5	17	4×5	18	5×5	13	5×5	27		
22 / 220	3×5	17	(3)4×5	21	5×5	29	5×5	34						
33 / 330	4×5	26	5×5	35	5×5	38	5×5	38						
47 / 470	4×5	31	4×5	43	4×5	57	5×5 6×5	52						
100 / 101	5×5	54	5×5	38			6×5	79						
220 / 221			6×5	52										
470 / 471	8×5	216	6×9	200										