Dec 22,2006

● *Conductive Polymer Aluminum Electrolytic Capacitor*

TYPE **PUWS** **CE04 Type**

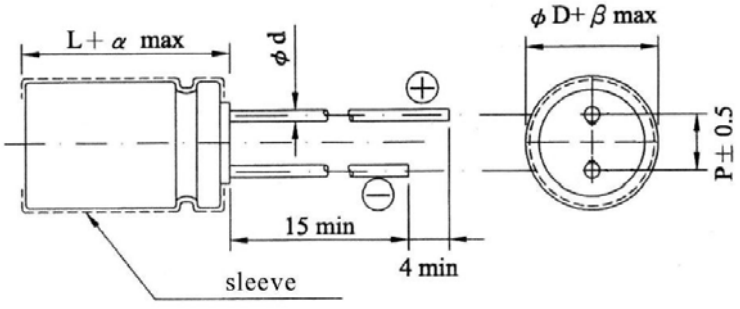
■ FEATURES

- 105℃,2000 hours assured
- Ultra Low E.S.R with large permissible ripple current

■ SPECIFICATIONS

Item	Performance
Operating Temperature Range	-55℃～+105℃
Capacitance Tolerance [at 120Hz , 20℃]	±20%
Leakage Current [at 20℃]	Less than 0.2CV(μA) after 2 min Where C=rated capacitance in μF. V=rated DC working voltage in V.
Dissipation Factor (tanδ)	Less or equal to the value at Dimension & Characteristics table
E.S.R	Less or equal to the value at Dimension & Characteristics table
Load Life Test [Applied with rated voltage at 105℃]	Test Time: 2000 hours Capacitance Change: Within ±20% of initial value Dissipation Factor: Less than 150% of specified value E.S.R: Less than 150% of specified value Leakage Current: Within specified value
Moisture Resistance [Stored at 60℃ ,90 to 95%RH]	Test Time: 1000 hours Capacitance Change: Within ±20% of initial value Dissipation Factor: Less than 150% of specified value E.S.R: Less than 150% of specified value Leakage Current: Within specified value *Leakage current should be tested after voltage treatment

■ DIAGRAM OF DIMENSIONS



LEAD SPACING AND DIAMETER Unit：mm

φD	6.3	8	10
P	2.5	3.5	5.0
φd	0.6		
α	1.0		1.5
β	0.5		

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■ DIMENSIONS & CHARACTERISTICS

W.V. (V)	Capacitance (μF)	Size φD*L(mm)	Tan δ [120Hz , 20℃]	L.C. (μA max.)	E.S.R. [100k～300kHz, 20℃] (mΩ max)	Rated R.C. [at 100k, 105℃] (mA rms)
2.5	560	8X8	0.10	280	7	4700
	820	8X8	0.10	410	7	6100
	1000	10X12.5	0.10	500	7	5560
	1500	10X12.5	0.10	750	7	5560
	2700	10X12.5	0.10	1350	10	5560
4.0	560	8X8	0.10	448	7	6100
	680	8X11.5	0.10	544	7	6100
	820	8X11.5	0.10	656	7	6100
	1000	10X12.5	0.10	800	10	5560
	1500	10X12.5	0.10	1200	10	5560
6.3	390	8X8	0.10	491	8	5700
	470	8X8	0.10	592	8	5700
	680	10X12.5	0.10	857	7	6640
	1500	10X12.5	0.10	1890	10	5560
10	330	8X11.5	0.10	660	10	5000
	470	10X12.5	0.10	940	10	6100
16	100	6.3 X	0.10	320	24	2820
	270	8X11.5	0.10	864	10	5000
	330	10X12.5	0.10	1056	10	6100
	470	10X12.5	0.10	1504	10	6100