



# Conductive Polymer Aluminum Electrolytic Capacitor

**PUS** Series Miniaturized



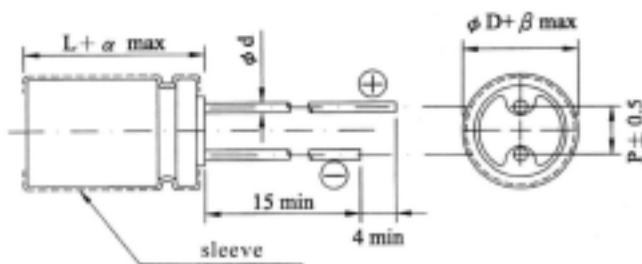
## FEATURES

- Ultra Low ESR for VRM
- High ripple current capability
- Long life and high reliability

## SPECIFICATIONS

Items	Condition	Characteristics	
Operating Temp. Range	-	-55	+105
Capacitance Tolerance	120Hz	M : ±20%	
Dissipation Factor (tanδ)	120Hz	Less or equal to the value at Standard ratings table	
Leakage Current	After 2 min	Less or equal to the value at Standard ratings table	
E.S.R	100kHz 300kHz	Less or equal to the value at Standard ratings table	
Load Life Test	105 2000Hrs at rated voltage	C/C	Within ±20% of initial value
		tan	Less than 150% of specified value
		ESR	Less than 150% of specified value
		LC	Within specified value
Moisture Resistance	1000Hrs, Stored at 60 90 to 95%RH	C/C	Within ±20% of initial value
		tan	Less than 150% of specified value
		ESR	Less than 150% of specified value
		LC	Within specified value

## DIAGRAM OF DIMENSIONS



Unit : mm

Size Code	D	L	P	d		
F8	8	8	3.5	0.6	1.0	0.5
F11	8	11.5				
G12	10	12.5				

## Size List

uF \ WV	2.5	4.0	6.3	10	16
330				F11	G12
390			F8		
470			F8	G12	G12
560	F8	F8			
680		F11	G12		
820	F8	F11			
1000		G12			
1500	G12	G12	G12		
2700	G12				



## Conductive Polymer Aluminum Electrolytic Capacitor

### Standard ratings

Size Code	W.V.(V)	Cap( $\mu$ F)	E.S.R. [100k 300kHz, 20 ] (m $\Omega$ max)	Rated R.C. [at 100k, 105 ] (mA rms)	Tan $\delta$ (max)	L.C. ( $\mu$ A max.)
F8	2.5	560	7	4700	0.10	280
		820	7	6100	0.10	410
	4.0	560	7	6100	0.10	448
		6.3	390	8	5700	0.10
F11	4.0	470	8	5700	0.10	592
		680	7	6100	0.10	544
	10	820	7	6100	0.10	656
		330	10	5000	0.10	660
G12	2.5	1500	7	5560	0.10	750
		2700	10	5560	0.10	1350
	4.0	1000	10	5560	0.10	800
		1500	10	5560	0.10	1200
	6.3	680	7	6640	0.10	857
		1500	10	5560	0.10	1890
	10	470	10	6100	0.10	940
	16	330	10	6100	0.10	1056
470		10	6100	0.10	1504	