

FEATURES

- Miniaturization of standard 711 series.
- Long life (2000 hours @ 85°C).
- Solvent resistant.

PART NUMBERING

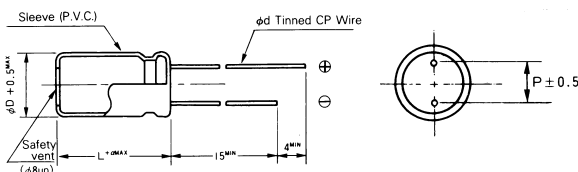
Part Number Example: 730-016/101M6X9F							
730	-	016	/	101	M	6X9	F
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	RoHs Compliant

* Capacitance Code: First two digits represent significant figures, third digit represents multiplier (number of zeros).

SPECIFICATIONS

Performance Characteristics							
Operating Temperature Range	-40°C ~ +85°C.						
Temperature Characteristics (120Hz)	Impedance Ratio						
	Rated Voltage (WVDC)	6.3	10	16	25	35	
	Z (-25°C) / Z (+20°C)	5	4	3	2		2
	Z (-40°C) / Z (+20°C)	12	10	8	5		4
Voltage Range	6.3VDC ~ 50VDC.						
Capacitance Range	22μF ~ 1000μF.						
Capacitance Tolerance (20°C, 120Hz)	±20%.						
Maximum Dissipation Factor (20°C, 120Hz)	Rated Voltage (WVDC)	6.3	10	16	25	35	63
	DF%	28	24	20	16	14	12
Maximum Leakage Current (after 1 minute)	0.03CV or 0.4μA, whichever is greater.						
Applicable Standards	Characteristics of JIS C-5141.						
Load Life Test (85°C)	After 2000 hours' application of rated voltage, capacitors meet the characteristics requirements mentioned below.						
	Capacitance Change	Within ±20% of initial value.					
	DF	200% or less of initial specified value.					
	Leakage Current	Initial specified value or less.					
Shelf Life (85°C)	After leaving capacitors under no load for 1000 hours and applying voltage according to JIS C- 5102 4-3, they meet the specified value for load life characteristics listed above.						

DIMENSIONS



DIMENSIONS (UNIT: mm)

D	5	6.3	8	10	13	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
dØ	0.5		0.6			0.8	
α	(L < 20) 1.5 (L ≥ 20) 2.0						

CASE SIZE OF STANDARD PRODUCTS (DXL (mm))

Cap. (µF)		WVDC					
		6.3	10	16	25	35	63
22	220					5 x 9	5 x 9
33	330				5 x 9	5 x 9	6.3 x 9
47	470			5 x 9	5 x 9	6.3 x 9	6.3 x 9
100	101	5 x 9	5 x 9	6.3 x 9	6.3 x 9	8 x 9	10 x 9
220	221	6.3 x 9	6.3 x 9	8 x 9	10 x 9	10 x 9	10 x 13
330	331	6.3 x 9	8 x 9	10 x 9	10 x 9	10 x 13	13 x 13
470	471	8 x 9	8 x 9	10 x 9	10 x 13	13 x 13	16 x 15
1000	102	10 x 9	10 x 13	13 x 13	13 x 15	16 x 15	18 x 20
2200	222	13 x 15	13 x 15	16 x 15	18 x 15	18 x 20	
3300	332	16 x 15	16 x 15	18 x 15	18 x 20		
4700	472	16 x 15	18 x 15	18 x 20	18 x 20		
6800	682	18 x 15	18 x 20	18 x 25			
10000	103	18 x 20	18 x 25				

For capacitance values or sizes not listed above, consult factory or area representative.

MAXIMUM RIPPLE ((mA) 85°C, 120Hz)

Cap. (µF)		WVDC					
		6.3	10	16	25	35	63
22	220					80	90
33	330				95	100	120
47	470			100	110	130	140
100	101	125	135	160	180	210	240
220	221	200	220	270	310	330	410
330	331	250	300	330	370	460	520
470	471	330	360	400	520	570	730
1000	102	490	620	700	820	990	1180
2200	222	890	950	1170	1350	1520	
3300	332	1190	1270	1430	1660		
4700	472	1380	1530	1740	2060		
6800	682	1640	1830	2120			
10000	103	1950	2230				

For capacitance values or sizes not listed above, consult factory or area representative.