

FEATURES

- Further miniaturization of the conventional type.
- Long life (1000 hours @ 85°C).
- Available both in resin and rubber seals.
- Solvent resistant.

PART NUMBERING

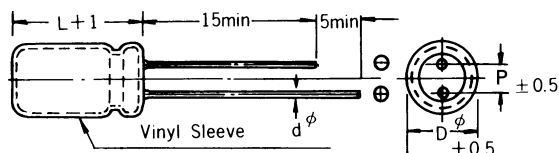
Part Number Example: 723-050/100M5X11F							
723	-	050	/	100	M	5X11	F
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	RoHs Compliant

* 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)	10	16	25	35	50
	Z (-25°C) / Z (+20°C)	3	2	2	2	2
	Z (-40°C) / Z (+20°C)	6	6	4	3	3
Voltage Range	10VDC ~ 63VDC.					
Capacitance Range	0.1μF ~ 1000μF.					
Capacitance Tolerance (20°C, 120Hz)	±20%.					
Maximum Dissipation Factor (20°C, 120Hz)	Rated Voltage (WVDC)	10	16	25	35	50
	DF %	20	16	14	12	10
Maximum Leakage Current (after 2 minutes)	0.002CV or 4.0μA, 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
P	2.0	2.5	3.5	5.0
d∅	0.5		0.6	

CASE SIZE OF STANDARD PRODUCTS (DXL (mm))

Cap. (µF)	WVDC					
	10	16	25	35	50	63
0.10					5 x 11	5 x 11
0.22					5 x 11	5 x 11
0.33					5 x 11	5 x 11
0.47					5 x 11	5 x 11
1.0					5 x 11	5 x 11
2.2					5 x 11	5 x 11
3.3					5 x 11	5 x 11
4.7					5 x 11	5 x 11
10			5 x 11	5 x 11	5 x 11	6.3 x 11
22		5 x 11	5 x 11	5 x 11	6.3 x 11	6.3 x 11
33	5 x 11	5 x 11	5 x 11	5 x 11	6.3 x 11	8 x 11.5
47	5 x 11	6.3 x 11	6.3 x 11	6.3 x 11	6.3 x 11	8 x 11.5
100	5 x 11	6.3 x 11	6.3 x 11	8 x 11.5	10 x 12.5	10 x 20
220	6.3 x 11	8 x 11.5	10 x 12.5	10 x 12.5	10 x 20	13 x 20
330	8 x 11.5	8 x 11.5	10 x 12.5	10 x 20	13 x 20	13 x 25
470	8 x 11.5	10 x 12.5	10 x 20	13 x 20	13 x 25	
1000	10 x 16	10 x 20	13 x 20	13 x 25		

For capacitance values or sizes not listed above, consult Factory or Area Representative.

MAXIMUM RIPPLE ((mA) 85°C, 120Hz)

Cap. (µF)	WVDC					
	10	16	25	35	50	63
0.10					8.8	8.8
0.22					8.8	8.8
0.33					8.8	8.8
0.47					8.8	8.8
1.0					13.2	13.2
2.2					22	22
3.3					28	31
4.7					33	38
10			42	46	51	55
22		60	63	68	75	91
33	66	70	76	83	99	110
47	77	109	116	121	138	149
100	116	138	149	187	198	248
220	193	237	253	330	380	440
330	270	286	369	440	506	594
470	319	407	484	572	671	
1000	605	704	847	1012		

For capacitance values or sizes not listed above, consult Factory or Area Representative.