

FEATURES

- Low leakage current with 7mm height.
- Long life (1000 hours @ 85°C).
- Solvent resistant.
- Available in taping configuration for automatic mounting.

PART NUMBERING

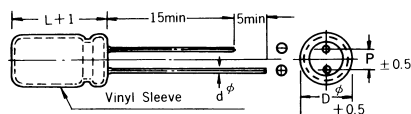
Part Number Example: 724-016/100M4X7F							
724	-	016	/	100	M	4X7	F
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	RoHs Compliant

* 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	50
	Z (-40°C) / Z (+20°C)	10	8	6	4	4	3
Voltage Range	6.3VDC ~ 50VDC.						
Capacitance Range	0.1μF ~ 220μF.						
Capacitance Tolerance (20°C, 120Hz)	±20%.						
Maximum Dissipation Factor (20°C, 120Hz)	Rated Voltage (WVDC)	6.3	10	16	25	35	50
	DF %	24	20	16	14	12	10
Maximum Leakage Current (after 2 minutes)	0.002CV or 0.4μA, whichever is greater.						
Applicable Standards	Characteristics of JIS C-5141.						
Load Life Test (85°C)	After 1000 hour's 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	4	5	6.3
P	1.5	2.0	2.5
d∅	0.45		

MULTIPLIER FOR RIPPLE CURRENT VS TEMP.

Temperature °C	45	60	70	85
Multiplier	1.8	1.5	1.3	1

CASE SIZE OF STANDARD PRODUCTS (D X L(mm))

Cap. (µF)	WVDC					
	6.3	10	16	25	35	50
0.10						4 x 7
0.22						4 x 7
0.33						4 x 7
0.47						4 x 7
1.0						4 x 7
2.2						4 x 7
3.3						4 x 7
4.7					4 x 7	5 x 7
10			4 x 7	5 x 7	5 x 7	6.3 x 7
22	4 x 7	5 x 7	5 x 7	6.3 x 7	6.3 x 7	8 x 7
33	5 x 7	5 x 7	6.3 x 7	6.3 x 7	8 x 7	
47	5 x 7	6.3 x 7	6.3 x 7	8 x 7		
100	6.3 x 7	8 x 7	8 x 7			
220	8 x 7					

MAXIMUM RIPPLE ((mA) 85°C, 120Hz)

Cap. (µF)	WVDC					
	6.3	10	16	25	35	50
0.10						.8
0.22						2
0.33						3.1
0.47						4.5
1.0						8
2.2						16
3.3						21
4.7					21	25
10			25	30	33	40
22	31	35	40	48	52	58
33	40	44	53	59	62	
47	48	55	60	73		
100	70	90	95			
220	110					