

### FEATURES

- Low leakage current with 7mm height.
- Long life (1000 hours @ 105°C).
- Solvent resistant.
- Available in taping configuration for automatic mounting.

### PART NUMBERING

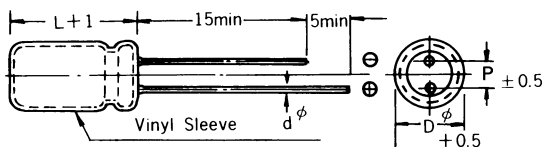
Part Number Example: 724E-016/100M4X7F							
<b>724E</b>	-	<b>016</b>	/	<b>100</b>	<b>M</b>	<b>4X7</b>	<b>F</b>
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	RoHs Compliant

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

### SPECIFICATIONS

Performance Characteristics								
Operating Temperature Range	-40°C ~ +105°C.							
Temperature Characteristics (120Hz)	Impedance Ratio							
	Rated Voltage (WVDC)	6.3	10	16	25	35	50	63
	Z (-25°C) / Z (+20°C)	4	3	2	2	2	2	2
	Z (-40°C) / Z (+20°C)	10	8	6	4	4	3	3
Voltage Range	6.3VDC ~ 63VDC.							
Capacitance Range	0.1μF ~ 100μF.							
Capacitance Tolerance (20°C, 120Hz)	±20%.							
Maximum Dissipation Factor (20°C, 120Hz)	Rated Voltage (WVDC)	6.3	10	16	25	35	50	63
	DF %	24	20	16	14	12	10	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 (105°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)

<b>D</b>	4	5	6.3
<b>P</b>	1.5	2.0	2.5
<b>dØ</b>	0.45		

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

Cap. (µF)	WVDC						
	6.3	10	16	25	35	50	63
0.10						4x7	4x7
0.22						4x7	4x7
0.33						4x7	4x7
0.47						4x7	4x7
1.0						4x7	4x7
2.2						4x7	5x7
3.3					4x7	5x7	6.3x7
4.7				4x7	5x7	6.3x7	6.3x7
10			4x7	5x7	6.3x7	6.3x7	
22	4x7	5x7	6.3x7	6.3x7	6.3x7		
33	5x7	6.3x7	6.3x7	6.3x7			
47	6.3x7	6.3x7	6.3x7				
100	6.3x7	6.3x7					

MAXIMUM RIPPLE ((mA) 85°C, 120Hz)

Cap. (µF)	WVDC													
	6.3		10		16		25		35		50		63	
	ESR	IAC	ESR	IAC	ESR	IAC	ESR	IAC	ESR	IAC	ESR	IAC	ESR	IAC
0.10											1348	2	1222	2
0.22											660	3	612	3
0.33											438	5	393	6
0.47											326	7	301	8
1.0											162	11	146	12
2.2											82.20	18	70.20	20
3.3									51.10	19	48.50	22	45.10	25
4.7							36.10	20	34.70	25	33.10	28	32.25	31
10					26.20	28	23.60	30	18.70	37	15.90	42		
22	16.10	32	14.60	38	12.43	45	10.08	50	8.74	56				
33	11.70	40	9.90	55	8.11	60	7.18	63						
47	8.22	58	6.72	70	5.77	81								
100	3.68	80	3.10	90										