

FEATURES

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

PART NUMBERING

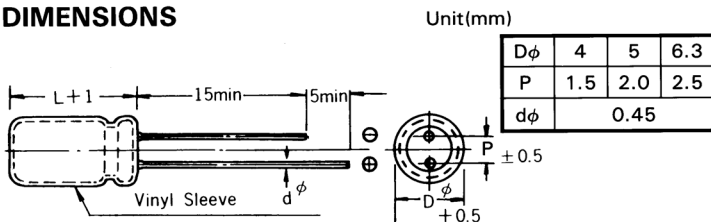
Part Number Example: 724S-016/100M4X7F							
724S	-	016	/	100	M	4X7	F
Type		Rated DC Voltage		Capacitance Code (μF)*	Tolerance Code	Size	RoHs Compliant

* 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)	4	6.3	10	16	25	35	50	63
	Z (-25°C) / Z (+20°C)	7	4	3	2	2	2	2	2
	Z (-40°C) / Z (+20°C)	15	8	6	4	4	3	3	3
Voltage Range	4VDC ~ 63VDC.								
Capacitance Range	0.1μF ~ 470μF.								
Capacitance Tolerance (20°C, 120Hz)	±20%.								
Maximum Dissipation Factor (20°C, 120Hz)	Rated Voltage (WVDC)	4	6.3	10	16	25	35	50	63
	DF %	35	24	20	16	14	12	10	9
Maximum Leakage Current (after 2 minutes)	0.01CV or 3μA, whichever is greater.								
Applicable Standards	Characteristics of JIS C-5141.								
Load Life Test (85°C)	After 1000 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



MULTIPLIER FOR RIPPLE CURRENT VS TEMP.

Temperature °C	45	60	70	85	105
Multiplier	2.0	1.9	1.65	1.4	1

CASE SIZE OF STANDORD PRODUCTS (DXL (mm))

Cap. (µF)	WVDC							
	4	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	4x7
3.3							4x7	5x7
4.7					4x7	4x7	4x7	5x7
10				4x7	4x7	4x7	5x7	6.3x7
22			4x7	4x7	4x7	5x7	6.3x7	
33			4x7	4x7	5x7	6.3x7	8x7	
47	4x7	4x7	5x7	5x7	6.3x7	8x7		
100	4x7	5x7	6.3x7	6.3x7	8x7			
220	6.3x7	6.3x7	8x7					
330	6.3x7	8x7						
470	8x7							

MAXIMUM RIPPLE ((mA) 85°C, 120Hz)

Cap. (µF)	WVDC							
	4	6.3	10	16	25	35	50	63
0.10							2	4
0.22							3	4
0.33							3	4
0.47							5	6
1.0							10	13
2.2							19	21
3.3							24	26
4.7					15	20	29	33
10				30	30	30	32	35
22			35	37	45	47	50	
33			40	42	47	52	62	
47	35	40	47	65	65	70		
100	40	65	90	92	95			
220	65	120	125					
330	120	150						
470	150							