

ALUMINUM ELECTROLYTIC CAPACITORS



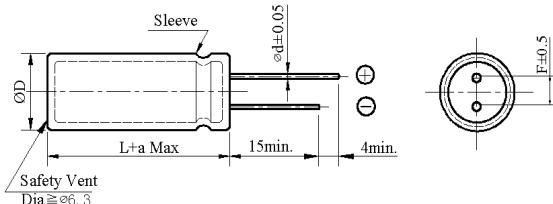
SF Series

- Load life: 105°C 2,000 hours, 7mm height
 - Design for space-saving and high density insertion
 - Applications: VTR, car radio, car stereos, charger, etc.



◆ SPECIFICATIONS

◆ DIMENSIONS (mm)



ΦD	4	5	6.3	8×7
ΦD	ΦD + 0.5 Max			
Φd	0.45			
F	1.5	2.0	2.5	3.5
a	L + 1.0 Max			

◆ PART NUMBER SYSTEM(Example : 6.3V 100μF)

The diagram illustrates a ladder network representing the Hart Numbers System. The resistors are labeled as follows: S, F, 0, J, 1, 0, 1, M, N, N, 6, 3, 0, 7. The capacitors are labeled as 1, 1, 1, 1, 1, 1, 1, 1. The network consists of a series of vertical segments connected by horizontal lines at various points.

Special Request

Size code (6307 : 6.3×7)

Lead length code

Lead forming Type code

Capacitance tolerance code(M \pm 20%)

Capacitance code (100 μ F)

Voltage code (6.3V)

Series code (SF)

ALUMINUM ELECTROLYTIC CAPACITORS



SF Series

◆ Case size & Permissible rated ripple current: (mA rms) at 105°C / 120Hz

uF	Vdc	6.3		10		16		25	
		ΦD × L	RC	ΦD × L	RC	ΦD × L	RC	ΦD × L	RC
4.7								4×7	17
6.8						4×7	16	4×7	19
10						4×7	28	4×7	28
15				4×7	26	4×7	30	5×7	35
22		4×7	28	4×7	32	4×7	35	5×7	43
33	4×7	32		5×7	48	5×7	50	6.3×7	62
	5×7	35							
47	5×7	47	5×7	51	6.3×7	67	8×7	75	
68	5×7	50	6.3×7	68	6.3×7	70			
					8×7	78	8×7	80	
100	6.3×7	75	6.3×7	80			110	8×7	115
			8×7	95					
220	8×7	92	8×7	130					

uF	Vdc	35		50		63	
		ΦD × L	RC	ΦD × L	RC	ΦD × L	RC
0.1				4×7	1.5	4×7	1.5
0.15				4×7	1.8	4×7	1.8
0.22				4×7	2.5	4×7	2.5
0.33				4×7	3.5	4×7	3.5
0.47				4×7	5	4×7	6
0.68				4×7	7	4×7	7
1				4×7	10	4×7	12
1.5				4×7	13	4×7	14
2.2				4×7	20	4×7	20
3.3				4×7	26	5×7	28
4.7	4×7	22		4×7	27	5×7	29
				5×7	29	6.3×7	33
6.8	4×7	24	5×7	32			
	5×7	28	6.3×7	33	6.3×7	35	
10	5×7	35	6.3×7	38	6.3×7	40	
15	5×7	38					
	6.3×7	45	6.3×7	52	8×7	55	
22	6.3×7	60	8×7	63	8×7	65	
33	6.3×7	50					
	8×7	68	8×7	78			
47	8×7	80					
68	8×7	85					

◆ RIPPLE CURRENT MULTIPLIERS

Frequency Multipliers

Vdc	Cap(uF)	Frequency (Hz)					
		50/60	120	400	1K	10K	50K-100K
6.3 ~ 63	CAP ≤ 10	0.80	1.00	1.30	1.45	1.65	1.70
	100 < CAP ≤ 220	0.80	1.00	1.23	1.36	1.36	1.53