

●縦型チップ^{105°C}品

●VERTICAL CHIP TYPE 105°C USE

EC-FS (A) シリーズ

JIS C5101
CE-32

TYPE EC-FS (A)

JIS C5101
CE-32

(100WV 以下耐洗浄品)

(Through 100WV only Washable product)

■特徴

- ・105°C 2000時間保証品
- ・耐熱性に優れ、リフローはんだ付けが可能です。

■FEATURES

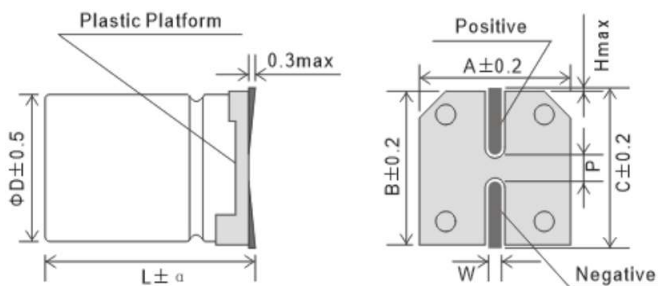
- ・It is guaranteed for 105°C as well as 2,000 hours, and is so excellent in heat resistance that it allows reflow soldering.

■性能/PERFORMANCE SPECIFICATIONS

カテゴリ温度範囲	CATEGORY TEMPERATURE RANGE	-55°C~+105°C								
標準静電容量許容差	STANDARD CAPACITANCE TOLERANCE	-20%~+20% (120Hz)								
漏れ電流 (最大値)	LEAKAGE CURRENT (MAX. VALUE)	I=0.01CV OR 3μA WHICHEVER IS THE GREATER (after 2 minutes)								
損失角の正接 (最大値) (tan δ)	DISSIPATION FACTOR (MAX. VALUE)	W. V	6.3	10	16	25	35	50	63	100
		φ4~φ10	0.30	0.24	0.20	0.18	0.16	0.14	0.14	0.14
		When the capacitance exceed 1,000μF, the value of tanδ is increased by 0.02 for each increment of 1,000μF or its								
耐久性 2000時間 105°C定格電圧印加	ENDURANCE 2000hrs APPLICATION OF RATED VOLTAGE AT 105°C	CAPACITANCE CHANGE : Within ±30% of initial value. tanδ : Not more than 300% of the specified value. LEAKAGE CURRENT : The initial specified value or less								

■寸法図/DIAGRAM OF DIMENSIONS

(単位: mm)



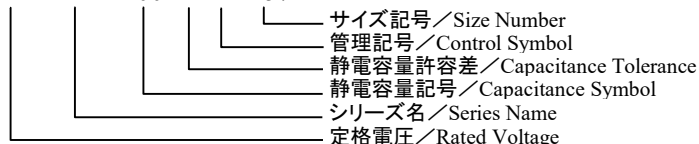
φD	L	A	B	C	W	P±0.2
4	5.7±0.3	4.3	4.3	5.0	0.5~0.8	1.0
5	5.7±0.3	5.3	5.3	6.0	0.5~0.8	1.5
6.3	5.7±0.3	6.6	6.6	7.3	0.5~0.8	2.0
6.3	7.7±0.3	6.6	6.6	7.3	0.5~0.8	2.0
8	10.5±0.5	8.3	8.3	9.0	0.7~1.2	3.1
10	10.5±0.5	10.3	10.3	11.0	0.7~1.2	4.7

■寸法表 (φD×L) SIZE TABLE (φD×L)

μF	w.v		6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)		63V (1J)		100 (2A)	
	φD	L	φD	L	φD	L	φD	L	φD	L	φD	L	φD	L	φD	L	φD	L
1 (010)													4×5.7	7	4×5.7	7	4×5.7	7
2.2 (2R2)													4×5.7	11	4×5.7	11	4×5.7	9
3.3 (3R3)									4×5.7	13	4×5.7	13	4×5.7	13	5×5.7	13	5×5.7	14
4.7 (4R7)								4×5.7	13	4×5.7	14	4×5.7	13	5×5.7	16	5×5.7	16	
6.8 (6R8)								4×5.7	14	4×5.7	14	4×5.7	14	5×5.7	17	6.3×5.7	21	
10 (100)					4×5.7	18	4×5.7	14	4×5.7	14	4×5.7	14	5×5.7	18	5×5.7	19	6.3×5.7	35
22 (220)			4×5.7	20	4×5.7	20	4×5.7	19	5×5.7	21	6.3×5.7	24	6.3×5.7	24	6.3×5.7	24	6.3×7.7	50
33 (330)	4×5.7	22	4×5.7	22	4×5.7	22	4×5.7	22	5×5.7	24	6.3×5.7	28	6.3×5.7	31	6.3×5.7	31	8×10.5	84
47 (470)	4×5.7	25	4×5.7	25	5×5.7	28	5×5.7	29	6.3×5.7	34	6.3×5.7	38	6.3×7.7	42	6.3×7.7	49	8×10.5	133
68 (680)	5×5.7	33	5×5.7	30	6.3×5.7	48	6.3×5.7	48	6.3×5.7	50	6.3×7.7	70	6.3×7.7	63	8×10.5	119	10×10.5	140
100 (101)	5×5.7	39	5×5.7	33	6.3×5.7	60	6.3×5.7	60	6.3×5.7	72	6.3×7.7	84	8×10.5	140	8×10.5	135		
150 (151)	5×5.7	45	6.3×5.7	35	6.3×5.7	65	6.3×7.7	90	6.3×7.7	100	6.3×7.7	95	8×10.5	155	10×10.5	195		
220 (221)	6.3×5.7	67	6.3×5.7	70	6.3×7.7	110	6.3×7.7	120	8×10.5	175	8×10.5	190	10×10.5	170	10×10.5	220		
330 (331)	6.3×7.7	105	6.3×7.7	105	6.3×7.7	120	8×10.5	220	8×10.5	225	10×10.5	240	10×10.5	245				
470 (471)	6.3×7.7	120	6.3×7.7	150	8×10.5	230	8×10.5	240	10×10.5	280	10×10.5	320	Case size					Ripple current
680 (681)	8×10.5	210	8×10.5	240	10×10.5	255	10×10.5	315	10×10.5	350								
1000 (102)	8×10.5	230	8×10.5	260	10×10.5	330												
1500 (152)	10×10.5	315																
2200 (222)	10×10.5	350																

■品番ご指定法/ HOW TO SPECIFY ITEM NUMBER

1C EC-FS 100 M A C57



Note1: Case size φD x L(mm), ripple current (mA, rms) at 105°C, 120Hz.

Note2: Produce custom product too, which are not found in these tables.