Miniature Aluminum Electrolytic Capacitors

Part Number System for Radial

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
E	C	R	1	C	P	T	2	2	1	M	F	A	1	2	5	0	2	0	V	*
Capacitor Type Code		Terminal Type Code	Rated Voltage Code (V)		Series Code		Capacitance Code (μF)			Capacitance Tolerance Code (%)	Lead Form Code		Dimension Code						Sleeve Code	Customer Special Requirement Code

Capacitor Type Code	Terminal Type Code	Rated Voltage Code (V)		Series Code		Capacitance Code (μF)		Capacitance Tolerance Code (%)		Lead Form Code		Dimension Code		Sleeve Code	
EC= Electrolytic Capacitor	Radial R	2.5	0E	CD110	PT	0.1	0R1	+20	A	Taping	FA	4×7	040007	PET	E
		4	0G	CD110L	CL	0.22	R22	-8			FB	5×11.5	050011	PVC	V
		6.3	0J	CD117	DL	0.33	R33	+20	C		FD	6.3×11.5	063011		
		10	1A	CD117H	DH	0.47	R47	-3		Lead Cut and forming	FM	8×11.5	080011		
		16	1C	CD11A	PA	1	010	+30	F		FC	10×12.5	100012		
		18-20	1D	CD11C	CX	2.2	2R2	-0			MC	12.5×20	125020		
		25	1E	CD11G	GW	3.3	3R3	+20	H		CB	20×41	200041		
		35	1V	CD11GL	GL	4.7	4R7	-5			CC				
		40	1G	CD11H	PD	10	100	+10	K		CD				
		50	1H	CD171	SG	22	220	-10			CE				
		63	1J	CD261	LK	33	330	+15	L		CF				
		80	1K	CD261X	QX	47	470	-15		Long Lead	LL				
		100	2A	CD262	QM	68	680	+20	M						
		120	2B	CD263	BK	82	820	-20		Lead Bend	WS				
		160	2C	CD264	KH	100	101	+30	Q		WX				
		180	2K	CD265	TW	120	121	-10			KS				
		200	2D	CD266	FK	150	151	+20	R		KX				
		220	2T	CD267	PM	180	181	-0			ES				
		250	2E	CD269	PH	220	221	+50	S		EX				
		275	2I	CD269L	HL	330	331	-20							
		300	2L	CD281	LL	470	471	+50	T						
		315	2F	CD281L	LH	560	561	-10							
		330	2U	CD282	XX	680	681	+75	U						
		350	2V	CD282L	YL	820	821	-10							
		360	2N	CD283	DZ	1000	102	+20	V						
		385	2J	CD284	XY	1500	152	-10							
		400	2G	CD284L	LY	2200	222	+100	P						
		415	2P	CD286	GK	4700	472	-0							
		420	2X	CD287	GC	5600	562								
		450	2W	CD289	PB	6800	682								
		470	2M	CD28L	QL	10000	103								
		500	2H	CD28XL	KL	22000	223								
		550	2Y	CD50BP	WB	33000	333								
		575	2Z	CD50H	WH	68000	683								
		600	2S	CD50S	WL										
				CD70H	QG										
				CD71	NP										
				CD71A	YX										
				CD71C	NC										
				CD71H	NH										
				CD71S	HX										
				CD26L	XL										
				CD26H	XH										

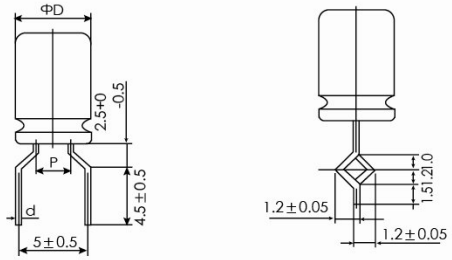
Note1:
1.The number from 14th to 16th defines the diameter of capacitor.
2.The 14th number is the tenth digit.
3.The 15th number is the single digit.
4.The 16th number is on the right of the floatpoint.
Note2:
1.The number from 17th to 19th defines the height of capacitor.
2.The 17th number is the hundredth digit.
3.The 18th number is the tenth digit.
4.The 19th number is the single digit.

For example :
CD110 16WV2200μF ±20% LL 12.5*25 PVC
Code: ECR1CPT222MLL125025V

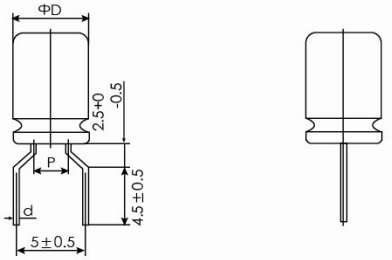
Part Number System

Lead Cutting and Forming Code

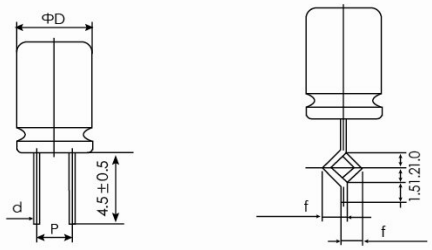
FM(Φ4~Φ8)



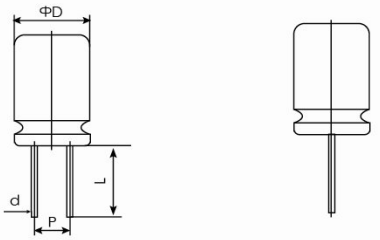
FC(Φ4~Φ8)



MC(Φ10~Φ20)

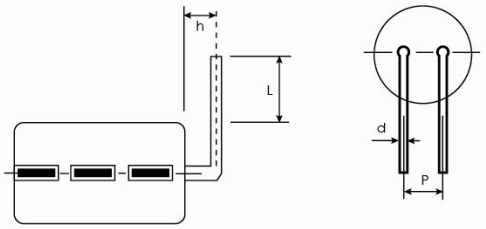


CC(Φ4~Φ20)



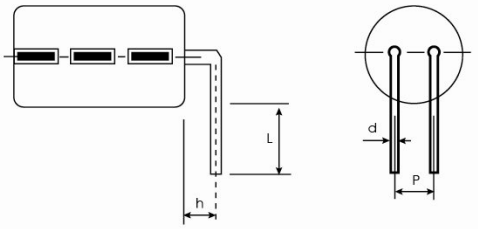
Code	L
CB	5.0±0.5mm
CC	4.5±0.5mm
CD	4.0±0.5mm
CE	3.5±0.5mm
CF	3.0±0.5mm

WS(Φ10~Φ20)



L: 3.7±0.3mm
h: 3.0±0.5mm
P: Lead Pitch

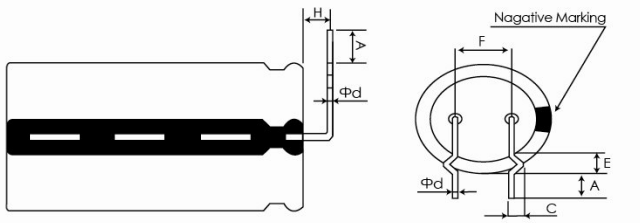
WX(Φ10~Φ20)



L: 3.7±0.3mm
h: 3.0±0.5mm
P: Lead Pitch

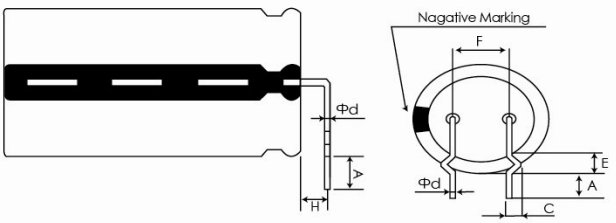
KS(Φ18~Φ20)

A:3.7±0.5mm C:2.2±0.5mm F:7.5±0.5mm
E:2.7±0.5mm Φd:0.8±0.05 H:3.0±0.5mm

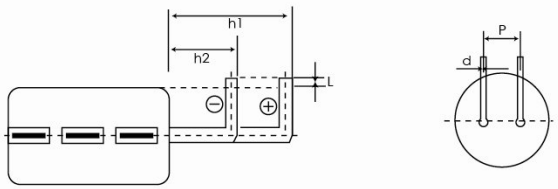


KX(Φ18~Φ20)

A:3.7±0.5mm C:2.2±0.5mm F:7.5±0.5mm
E:2.7±0.5mm Φd:0.8±0.05 H:3.0±0.5mm



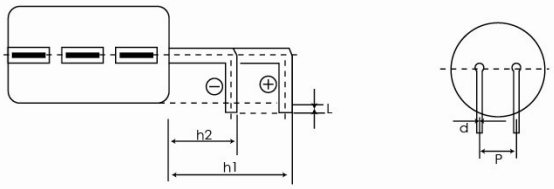
ES(Φ10~Φ12.5)



L1: 11±0.5mm
L2: 6±0.5mm

L: 0.4±0.3mm
P: Lead Pitch

EX(Φ10~Φ12.5)



L1: 11±0.5mm
L2: 6±0.5mm

L: 0.4±0.3mm
P: Lead Pitch

Taping Dimensions and Code

Fig 1

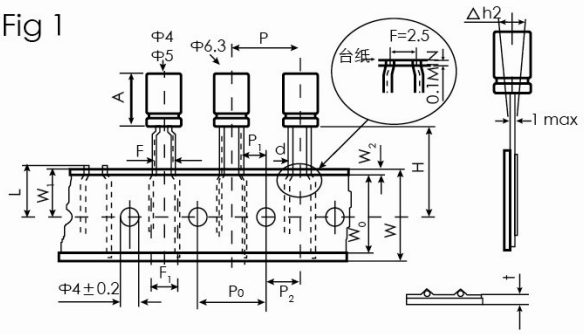


Fig 2

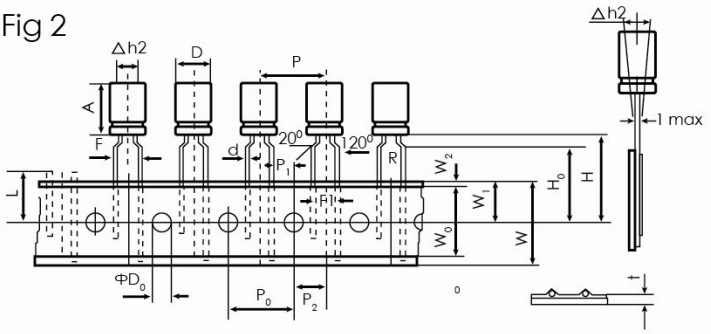


Fig 3

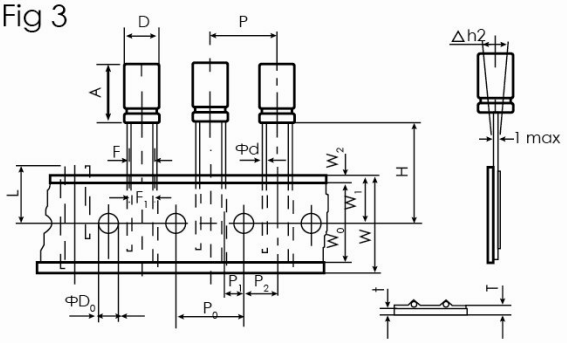


Fig 4

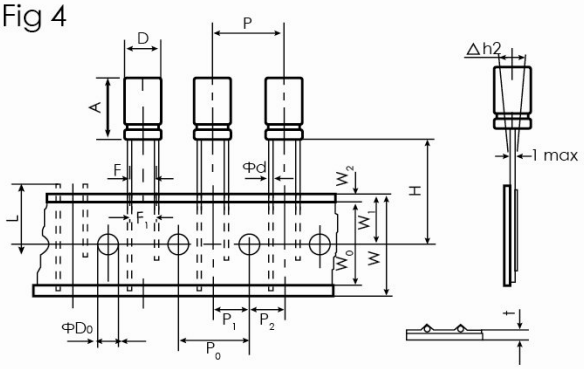
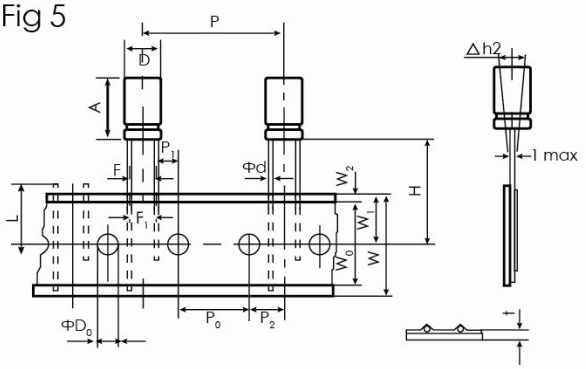


Fig 5



Item	ΦD	A	Φd	P	P0	P1	P2	F	F1	W	W0	W1	W2	H	H0	L	ΦD0	Δh2	t	Fig.	Taping Code
tol.	+0.5 max		± 0.05	± 1.0	± 0.2	± 0.5	± 1.0	+0.8 -0.2	± 1.0	± 0.5	min	± 0.5	max	+0.75 -0.5	± 0.5	max	± 0.5	max	± 0.2		
Nominal	4	7 (+1.0)	0.45	12.7	12.7	5.1	6.35	2.5	3.5	18.0	12.0	9.0	1.5	18.5	-	11.0	4.0	1.0	0.7	1	FA
						3.85		5	5					17.5	16.0					2	FB
	5	7 (+1.0)	0.45	12.7	12.7	5.1	6.35	2.5	3.5	18.0	12.0	9.0	1.5	18.5	-	11.0	4.0	1.0	0.7	1	FA
						3.85		5	5					17.5	16.0					2	FB
		11.5 (+1.5)	0.5	12.7	12.7	5.1	6.35	2.5	3.5	18.0	12.0	9.0	1.5	18.5	-	11.0	4.0	1.0	0.7	1	FA
						3.85		5	5						16.0					2	FB
	6.3	7 (+1.0)	0.45	12.7	12.7	5.1	6.35	2.5	3.5	18.0	12.0	9.0	1.5	18.5	-	11.0	4.0	1.0	0.7	1	FA
						3.85		5	5					17.5	16.0					2	FB
		11.5 (+1.5)	0.5	12.7	12.7	5.1	6.35	2.5	3.5	18.0	12.0	9.0	1.5	18.5	-	11.0	4.0	1.0	0.7	1	FA
						3.85		5	5						16.0					2	FB
	8	11.5 (+1.5)	0.6	12.7	12.7	4.6	6.35	3.5	3.5	18.0	12.0	9.0	1.5	18.5	-	11.0	4.0	1.0	0.7	3	FA
						3.85		5	5					20.0	16.0					2	FB
		14 (+1.5)	0.6	12.7	12.7	3.85	6.35	5	5	18.0	12.0	9.0	1.5	20.0	16.0	11.0	4.0	1.0	0.7	2	FB
		16 (+1.5)	0.6	12.7	12.7	3.85	6.35	5	5	18.0	12.0	9.0	1.5	20.0	16.0	11.0	4.0	1.0	0.7	2	FB
	10	12.5~20 (+2.0)	0.6	12.7	12.7	3.85	6.35	5	5	18.0	12.0	9.0	1.5	18.5	-	11.0	4.0	1.0	0.7	4	FA
	12.5	20~25 (+2.0)	0.6	15	15	5.0	7.5	5	5	18.0	12.0	9.0	1.5	18.5	-	11.0	4.0	1.0	0.7	4	FA
				25.4	12.7	3.85	6.35													5	FD
	16	20~25.5 (+2.0)	0.8	30	15	3.75	7.5	7.5	7.5	18.0	12.0	9.0	1.5	18.5	-	11.0	4.0	1.0	0.7	5	FD