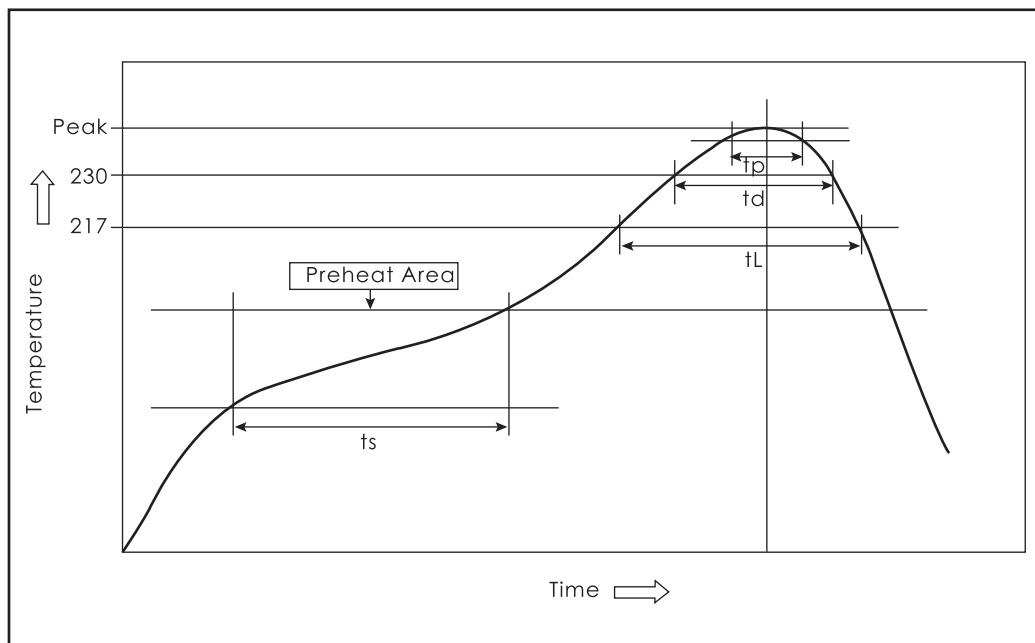


Part Number System for Polymer Capacitor

PC	R		1C		EN		471		M		CAC		LL		50		W		T										
Capacitor Type	Terminal Type		Rated Voltage Code (V)		Series Code		Capacitance Code (μF)		Capacitance Tolerance(%)		Dimension (mm)		Lead Form		Terminal/ Pitch size		Heat-shrinkable sleeve		Rubber plug shape										
PC=Polymer Capacitor	Vertical	V	2	0D	HCN	CN	□□×10 ⁿ μF		+10	K	E05	5×5	Taping forming	FA	Pitch/ Cutting length (mm)	Code	Laminated	W	Convex rubber plug	T									
			2.5	0E	HEN	EN	0.47	R47	-10		E07	5×7		FB															
	Radial	R	4	0G	HPN	HN	4.7	4R7	+15	L	E08	5×8	Lead cut	CC															
			6.3	0J	HPNA	NA	47	470	-15		E09	5×9																	
			6.8	68	HGN	GN	470	471	+20	M	E10	5×10	Long Lead	LL	2.0	20	Plastic	P	Flat rubber plug	P									
			7	07	HEL	EL	4700	472	-20		E10	5×11																	
			7.5	75	HSN	SN					S09	5.5×9	SMD	FV	2.5	25			Mold	M									
			10	1A	HCS	CS					S11	5.5×11																	
			12	A2	HPF	PF					F05	6.3×5			3.5	35													
			12.5	1B	HPK	PK					F07	6.3×7																	
			14	B1	HEG	EG					F08	6.3×8			5.0	50													
			16	1C	HVC	VC					F09	6.3×9																	
			20	1D	HVM	VM					F10	6.3×10			Special length	TS													
			25	1E	HVX	VX					F11	6.3×11																	
			28	1L	HVG	VG					F12	6.3×12																	
			30	30	HVS	SV					B06	8×6																	
			32	1F	HVF	VF					B08	8×8																	
			35	1V	HVK	VK					B09	8×9																	
			40	1G							BAB	8×11.5																	
			50	1H							B14	8×14																	
			63	1J							B16	8×16																	
			80	1K							B20	8×20																	
			100	2A							C08	10×8																	
			125	2B							C09	10×9																	
			160	2C							C10	10×10																	
			200	2D							CAC	10×12.5																	
											SMD(Vertical)																		
											E60	5.0×5.7																	
											F60	6.3×5.7																	
											F80	6.3×7.7																	
											F10	6.3×10																	
											B70	8×6.7																	
											B10	8×10																	
											B12	8×12.2																	
											C10	10×10																	
											C12	10×12.2																	

SMD type (Vertical)

RECOMMENDED REFLOW SOLDERING CONDITIONS

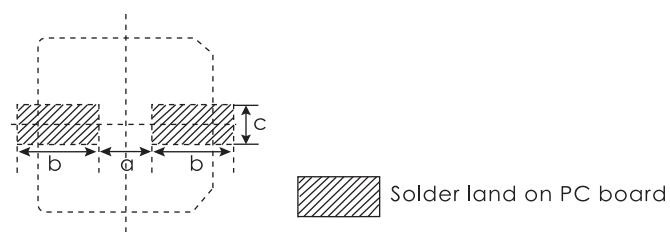


Voltage Range (Vdc)	Preheat	Time maintained above 217°C	Time maintained above 230°C	Peak temperature	Reflow Number
2.5~16V	150~180°C 60~120 seconds	50 seconds max.	40 seconds max.	250°Cmax.	Twice or less
				260°C max.	Only 1 time
20~200V	150~180°C 60~120 seconds	40 seconds max.	30 seconds max.	250°Cmax.	Twice or less
		50 seconds max.	40 seconds max.		Only 1 time

* All temperatures are measured on the topside of the Al-can and terminal surface.

* Please ensure that the capacitor became cold enough to the room temperature (5 to 35°C) before the second reflow.

Recommended Solder Land on PC Board



(Unit:mm)

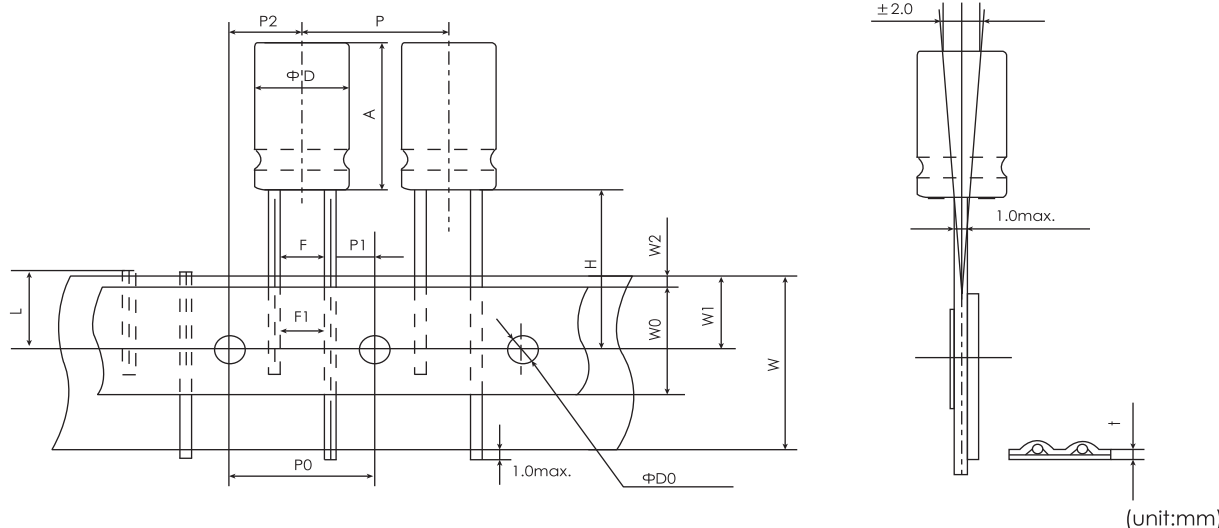
Size ΦD (code)	a	b	c
$\Phi 6.3$ (F)	1.9	3.5	1.6
$\Phi 8$ (B)	3.1	4.2	2.2
$\Phi 10$ (C)	4.5	4.4	2.2

Lead Cut Dimensions For Radial Lead Type

Lead Cut		Code:CC	
		D	P
		5	2.0
		5.5	2.5
		6.3	2.5
		8	2.5/3.5
		10	5.0

Taping Dimensions (FA)

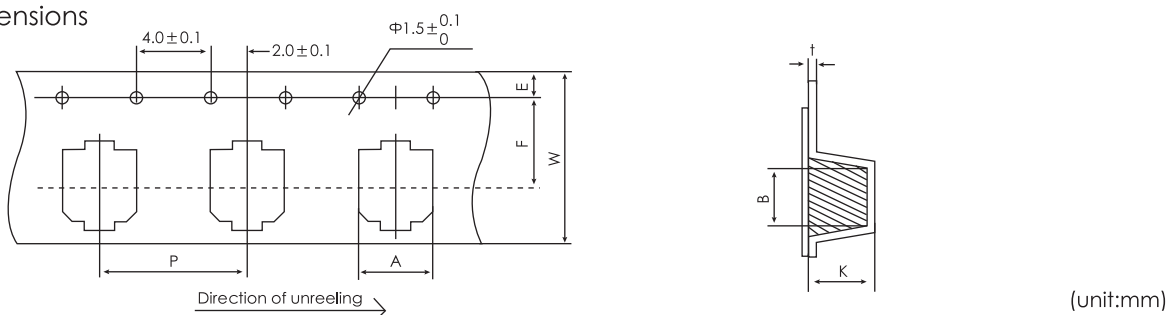
Fig 1



ΦD	A	P	P0	P1	P2	F	F1	W	W0	W1	W2	H	L	ΦD0	t
±0.5		±1.0	±0.2	±0.5	±1.0	+0.8/-0.2	±1.0	±0.5	min	±0.5	max	+0.75/-0.5	max	±0.5	±0.3
5	5~11	12.7	12.7	5.35	6.35	2.0	3.5	18.0	12.0	9.0	1.5	18.5	11.0	4.0	0.7
6.3	5~12	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	0.7
8	6~11.5	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	0.7
10	8~12.5	12.7	12.7	3.85	6.35	5.0	5.0	18.0	12.0	9.0	1.5	18.5	11.0	4.0	0.7

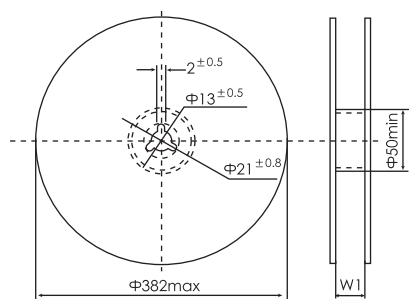
Taping Dimensions For SMD type (Vertical)

Taping Dimensions

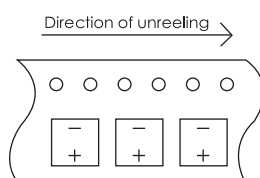


Dimension	A	B	W	E	F	P	K	t
Size Code	±0.2	±0.2	±0.3	±0.1	±0.1	±0.1	±0.2	±0.2
F60	7.0	7.0	16.0	1.75	7.5	12.0	6.3	0.4
F80	7.0	7.0	16.0	1.75	7.5	12.0	8.3	0.4
F10	7.0	7.0	24.0	1.75	11.5	16.0	10.5	0.4
B70	8.7	8.7	24.0	1.75	11.5	12.0	7.2	0.4
B10	8.7	8.7	24.0	1.75	11.5	16.0	11.0	0.4
B12	8.7	8.7	24.0	1.75	11.5	16.0	13.0	0.4
C10	10.7	10.7	24.0	1.75	11.5	16.0	11.0	0.4
C12	10.7	10.7	24.0	1.75	11.5	16.0	13.0	0.4

Reel Dimensions



Polarity



Quantity per reel

Size Code	Quantity (pcs/reel)
F60	1000
F80	900
F10	500
B70	1000
B10	500
B12	400
C10	500
C12	400