

## ※Trimmed (Cut) or Formed Leads

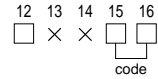
### ● Radial lead type

In order to identify correct part number for the processed lead product, cut/formed lead code must be added to bulk part number.

● If the bulk part number is up to 11th digit, processed lead coding shall be as follows:



● In case 12th digit is alphabet, it shall be:



● In case 12th digit is numeral, it shall be:



Configurations	Cut / Formed lead code		Dimensions (mm)				Lead configurations				
	Code	Case length	φD	F	L	ℓ					
Forming and cutting	[B][A]	5mmL,7mmL	4	5	5.0	—					
		Other length	6.3			—					
	[B][B]	5mmL,7mmL	4			5		3.5	—		
		Other length	6.3						—		
	Cutting	[C][A]	All length	3	1.0				5.0	—	<p>※ φ 8 × 5 = F: 2.5 ※ Please contact us for the φ 16 to φ 25 × 12.5L products.</p>
				4	1.5					—	
				5	2.0	—					
				6.3	2.5	—					
8				※ 3.5	—						
10				5	—						
12.5				—	—						
16				7.5	—						
18				—	—						
20				10	—						
22		—	—								
25		12.5	—								
[C][P]		All length	Same as above.	4.5	—						
[C][C]		All length	Same as above.	4.0	—						
[C][V]	All length	Same as above.	3.5	—							
[C][T]	All length	Same as above.	3.2	—							
[C][M]	All length	Same as above.	3.0	—							
Snap-in	[A][E]	5mmL,7mmL	4	5	4.5	1.1					
		Other length	6.3			—					
	[A][A]	All length	8			—		1.3			
			10			5		4.5	1.3		
			12.5	—							
			16	7.5	5.0	1.8					
			18	—							
			20	10							
	25	12.5									

● Conductive polymer aluminum solid electrolytic capacitors : Cutting configurations only

\*Lead diameter (φd) and lead pitch (P) are subject to capacitor specifications.

## ※End seal Configuration

Configuration	※2		※1		
φ	3	5 · 6.3	4 · 8 · 10	12.5 · 16 · 18	20 · 22 · 25

Exception : φ5, φ6.3 case size of MA, MR, MF, MP, MT, MW, SA, SF, SP, SR, ST, SW, HC (7mmL), PW (7mmL), TT (7mmL), TS (7mmL) series : configuration ※ 1  
φ6.3 × 6mmL, φ6.3 × 9mmL, φ8 × 7mmL, φ8 × 9mmL, φ10 × 8mmL, φ10 × 10mmL size of LF※, LE※, LG※, LS※ series, MV, SV, PV series : configuration ※ 2

※ Conductive polymer aluminum solid electrolytic capacitors

## ※Taped Leads for Automatic Insertion Systems

### ● Radial lead type (Applicable standard JIS C0806-2)

(mm)

In order to identify correct part number for the taped product, taping code must be added.

● If the bulk part number is up to 11th digit, taping code shall be as follows:



● In case 12th digit is numeral, it shall be



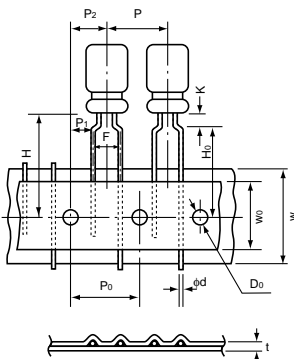
Packaging	Specifications				Capacitor diameter (φ)	Taping code	
	Lead style	Leader	F	P <sub>0</sub>		Code	Applicable size
Ammo-pack	Formed lead	—	See Table 1	12.7	3 to 8	T[E] T[P] T[A]	φ4 to 8 Case length (5mmL, 7mmL) (φ3×5, φ4×11) (φ5×9 to φ8×9, φ4×11 to φ8×20)
		—	See Table 2	12.7		T[P] T[D]	φ4 to 8 Case length (5mmL), φ6.3×6 ※ φ4 to 6.3 Case length (7mmL), φ4 φ5×9 or more, φ6.3×9 or more, φ8×7 or more, φ10×8 to 25)
	—	See Table 2	15.0	12.5	T[O]	(φ12.5×12.5 to 25)	
	—	See Table 2	15.0	16, 18	T[IN]	(φ16×15 to 25, φ18×15 to 25)	

Notes:  
※ Conductive polymer aluminum solid electrolytic capacitors

Table 1

(mm)

(Formed lead type)

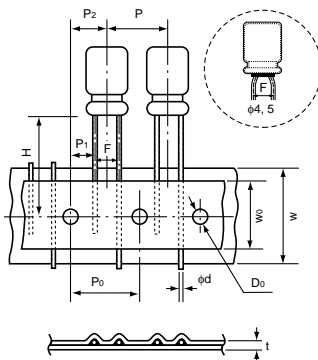


Item	Case Size Taping Code	Tolerance	Formed Lead Type						Case dia (φ) × Length (L)		
			φ3×5	φ4×11	φ4×5	φ5×5	φ6.3×5	φ8×5	φ4×11	φ6.3×9	φ8×9
			TP	TP	φ4×7	φ5×7	φ6.3×7	φ8×7	φ5×11	φ6.3×15	φ8×11.5
φd	Lead-wire diameter	±0.05	0.40	0.45	0.45 (φ8×7:0.5)			0.5 (φ4×11:0.45)			0.6
P	Pitch of component	±1.0	12.7	12.7	12.7			12.7			12.7
P <sub>0</sub>	Feed hole pitch	±0.2	12.7	12.7	12.7			12.7			12.7
P <sub>1</sub>	Hole center to lead	±0.5	5.1	5.1	3.85			3.85			3.85
P <sub>2</sub>	Feed hole center to component center	±1.0	6.35	6.35	6.35			6.35			6.35
F	Lead-to-lead distance	+0.8 -0.2	2.5	2.5	5.0			5.0			5.0
K	Clinch height	MAX	1.5	2.5	1.5			2.5			4.0
H	Height of component from tape center	+0.75 -0.5	18.5	18.5	17.5			18.5			20.0
H <sub>0</sub>	Lead-wire clinch height	±0.5	16.0 ※3	16.0	16.0			16.0			16.0
W	Tape Width	±0.5	18.0	18.0	18.0			18.0			18.0
W <sub>0</sub>	Hold down tape width	MIN	7.0	7.0	7.0			7.0			7.0
φD <sub>0</sub>	Feed hole diameter	±0.2	4.0	4.0	4.0			4.0			4.0
t	Total tape thickness	±0.2	0.6	0.6	0.6			0.6			0.6

Table 2

(mm)

(Straight lead type)



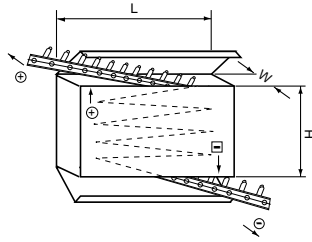
Item	Case Size Taping Code	Tolerance	Straight Lead Type				Case dia (φ) × Length (L)				
			φ4×5 φ4×7	φ5	φ6.3	φ8×5	φ8×7	φ8	φ10	φ12.5	φ16 φ18
			TP	TP, TD	TP, TD	TP	TD	TD	TD	TO	TN
φd	Lead-wire diameter	±0.05	0.45	0.45 0.5, 0.6	0.45 0.5, 0.6	0.45	0.5	0.6	0.6	0.6	0.8
P	Pitch of component	±1.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	15.0	30.0
P <sub>0</sub>	Feed hole pitch	±0.2	12.7	12.7	12.7	12.7	12.7	12.7	12.7	15.0	15.0
P <sub>1</sub>	Hole center to lead	±0.5	5.1 (※1 5.35)	5.1 (※1 5.35)	5.1	5.1	4.6	4.6	3.85	5.0	3.75
P <sub>2</sub>	Feed hole center to component center	±1.0	6.35	6.35	6.35	6.35	6.35	6.35	6.35	7.5	7.5
F	Lead-to-lead distance	+0.8 -0.2	2.5 ※1	2.5 ※1	2.5	2.5	3.5	3.5	5.0	5.0	7.5 ※2
H	Height of component from tape center	+0.75 -0.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
W	Tape Width	±0.5	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
W <sub>0</sub>	Hold down tape width	MIN	7.0	7.0	7.0	7.0	7.0	7.0	7.0	12.5	12.5
φD <sub>0</sub>	Feed hole diameter	±0.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
t	Total tape thickness	±0.2	0.6	0.6	0.6 0.7 ※4	0.6	0.6	0.6 0.7 ※4	0.6 0.7 ※4	0.6	0.6

Notes:  
 ※ 1 F = 2.0mm is also available, provided that capacitor case length is less than 9mm. Taping code to be [T[C].  
 ※ 2 Tolerance on F for φ16 and φ18 units shall be ±0.8mm.  
 ※ 3 Tolerance on H<sub>0</sub> for φ3 units shall be 16.0 MIN.  
 ※ 4 Conductive polymer aluminum solid electrolytic capacitors

- Special taping specifications on H, F, and K dimensions other than the above figures are available upon request.
- Conductive polymer aluminum solid electrolytic capacitors : Straight lead type only
- Only the above mentioned dimensions are specified.

### Packaging

- Ammo-pack (Flat box type)



(mm)

L	H	W	Case Size ( $\phi D \times L$ )	Q'ty / Box
340	150	50	3 × 5	2,000
340	200	50	4 × 5, 4 × 7	2,000
340	250	50	5 × 5, 5 × 7	2,000
			8 × 5, 8 × 7, 8 × 8	1,000
340	300	50	6.3 × 5, 6.3 × 6, 6.3 × 7	2,000
340	260	54	4 × 11, 5 × 9, 5 × 11	2,000
			8 × 9, 8 × 10, 8 × 11.5, 8 × 12, 8 × 15	1,000
340	200	54	10 × 8, 10 × 9, 10 × 10, 10 × 12.5, 10 × 13, 10 × 15, 10 × 16	500
340	300	54	6.3 × 9, 6.3 × 10.5, 6.3 × 11, 6.3 × 15	2,000
340	260	62	8 × 20	1,000
340	200	62	10 × 20	500
340	200	65	10 × 25	500
330	290	65	12.5 × 12.5, 12.5 × 15, 12.5 × 20	500
			12.5 × 25	
			18 × 15, 18 × 20, 18 × 25	250
320	230	65	16 × 15, 16 × 20, 16 × 25	250