

### Lead Forming

• In order to facilitate insertion into printed circuit board, lead wires are cut or formed.

#### Product Size Table

Unit: mm

Forming name	Lead forming symbol	Dimension		Style	Outline drawing	
		F (Lead pitch)	φD (Case diameter)			
Forming cut	F10	2.0	4	B		
	F1		5	A		
	F12	2.5	4 to 5	B		
	F1		6.3	A		
	F1	3.5	8	A		
	F4		4 to 8	B		
	F	5.0	4 to 8	B		
	F		10 to 12.5	A		
F	7.5	16 to 18	A			
Snap-in	S1	5.0	4 to 8	B		
	S1		10 to 12.5	A		
	S1	7.5	16 to 18	A		
Forming cut (restrict series)	F49	5.0	10 to 12.5			
	F51		10 to 12.5			
	F58	10				
	F49	7.5	16 to 18			
	F51		16 to 18			

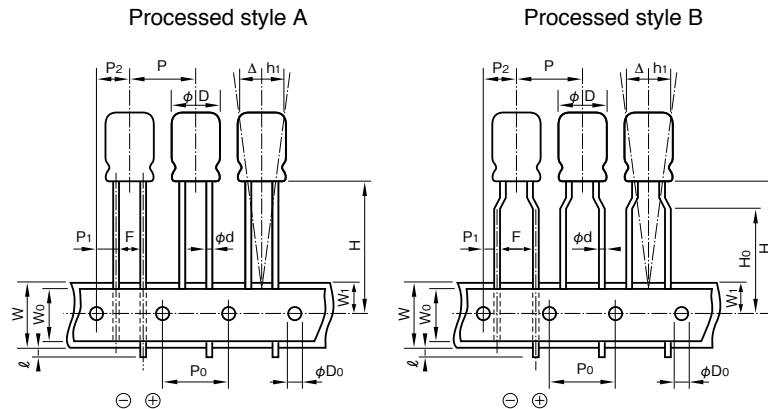
Forming name	Lead forming symbol	Dimension				Outline drawing
		F (Lead pitch)	φD (Case diameter)	ℓ <sub>0</sub>	ℓ <sub>1</sub>	
For 90° side mount of case	G9, G10	3.5	8	5.5	1.0	
	G59, G60		8	3.6	1.0	
	G9, G10	5.0	10 to 12.5	5.5	1.0	
	G55, G56		12.5	7.5	2.5	
	G59, G60		10 to 12.5	3.6	1.0	
	G95, G96		12.5	0.95	4.9	
	G99, GA0		10	1.0	1.9	
	GAS, GAT		10 to 12.5	4.5	1.0	
	G9, G10	7.5	16 to 18	5.5	1.0	
	GAS, GAT		16 to 18	4.5	1.0	

Please contact us for lead forming and packing code in regards to the product code.

NOTE : Design, Specifications are subject to change without notice.  
It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.

## Taping

• For automatic insertion (radial lead type)



\*The shape of a lead wire sandwiched by the mounting strips may differ from the ones shown in the figures.

## Product Size Table

Unit: mm

Item	Symbol	Tolerance	5L to 8L	
			φ4 to φ8(except φ8×7L)	φ4 to φ8
Lead forming symbol	—	—	T36	T2
Style	—	—	A or B	
Lead-wire diameter	φd	±0.05	0.4 or 0.45	
Lead to lead distance	F	+0.8 -0.2	2.5	5.0
Height of component from tape center	H	+0.75 -0.5	18.5	17.5
Lead-wire clinch height	H0	±0.5	—	16.0 (φ4) 16.0
Pitch of component	P	±1.0	12.7	
Feed hole pitch	P0	±0.3	12.7	
Hole center to lead	P1	±0.5	5.1	3.85
Hole center to component	P2	±1.0	6.35	
Tape width	W	±0.5	18.0	
Hold down tape width	W0	Min.	6.0	
Feed hole position	W1	±0.5	9.0	
Max. lead protrusion	ℓ	Max.	1.0	
Feed hole diameter	φD0	±0.2	4.0	
Alignment of component to center	Δh	±1.0	0	
Alignment of component to center	Δh1	±1.0	0	
Total tape thickness	t	±0.2	0.7	

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## ■ Taping

- For automatic insertion (radial lead type)

Product Size Table

Unit: mm

Item	Symbol	Tolerance	11L to 25L					
			φ5, φ6.3		φ8	φ10	φ12.5	
Lead forming symbol	—	—	T36	T58	T2	T2	T2	T4
Style	—	—	A or B		B		A	
Lead-wire diameter	φd	±0.05	0.5 or 0.6			0.6		
Lead to lead distance	F	+0.8 -0.2	2.5		5.0			
Height of component from tape center	H	+0.75 -0.5	18.5	17.5	18.5	20.0	18.5	
Lead-wire clinch height	Ho	±0.5	—		16.0		—	
Pitch of component	P	±1.0	12.7					15.0
Feed hole pitch	Po	±0.3	12.7					15.0
Hole center to lead	P1	+0.5 (10 to φ18 ±0.7)	5.1		3.85			5.0
Hole center to component	P2	±1.0	6.35					7.5
Tape width	W	±0.5	18.0					
Hold down tape width	Wo	Min.	6.0					
Feed hole position	W1	±0.5	9.0					
Max. lead protrusion	ℓ	Max.	1.0					
Feed hole diameter	φD0	±0.2	4.0					
Alignment of component to center	Δh	±1.0	0					
Alignment of component to center	Δh1	±1.0	0					
Total tape thickness	t	±0.2	0.7					

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