

◆CHIP TYPE PART NUMBER

□□□	□□□□	□□□□□	□	□□□	DXL																		
Rated Voltage	Series	Capacitance	Capacitance Tolerance	Option ※	Case Size																		
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Please indicate the above information, when ordering.																							
Example																							
35	PAV	150	M		10×15																		

◆LEAD WIRE TYPE PART NUMBER

□□□	□□□□	□□□□□	□	□□□	□□	DXL																				
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*Long lead type		35	PZA	82	M	8×12.5																				
*Taping type		50	PZC	47	M	T8 10×13																				

※Option : Standard item is blank.

PACKAGING SPECIFICATION
◆V Chip Type

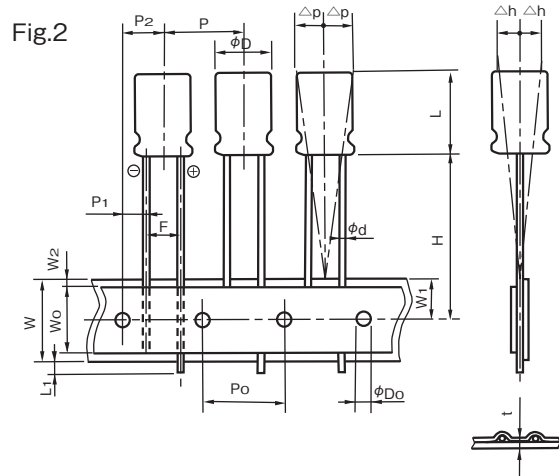
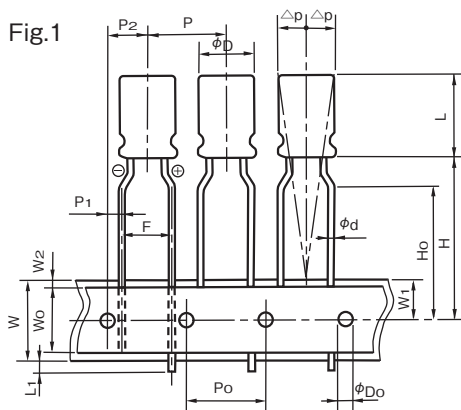
SIZE (mm)	W3 (mm)	φC (mm)	Q'ty (pcs/reel)	Standard Shipping Carton Quantity (pcs/Box)
φ6.3×6.1	18	382	1,000	5,000
φ6.3×8	18	382	900	4,500
φ8×10.5	26	382	500	2,000
φ8×12	26	382	400	1,600
φ8×15	26	382	350	1,400
φ10×10.5	26	382	500	2,000
φ10×12	26	382	400	1,600
φ10×15	26	382	250	1,000

Please refer to TAPING REEL for W3 and φC.

◆LEAD WIRE TYPE

SIZE (mm)	LONG LEAD (BULK PACKAGE)	LEAD FORMING (BULK PACKAGE)	TAPING
φ6.3×8	1,000	1,000	2,000
φ8×8	1,000	1,000	1,000
φ8×9	1,000	1,000	1,000
φ8×10	1,000	1,000	1,000
φ8×12.5	1,000	1,000	1,000
φ10×9	1,000	1,000	500
φ10×10	1,000	1,000	500
φ10×13	1,000	1,000	500

There are some differences between actual package quantity and above list.

◆ TAPING SPECIFICATIONS
◆ DIMENSIONS

◆ SPECIFICATION TABLE

(mm)

Items	Code	φ6.3		φ8				φ10	※ Tolerance
				8mm Height		9mm or more Height			
Taping code		T5	TZ	TA	T7	TA	T7	T8	
Applicable Fig. No.		Fig.2	Fig.1	Fig.1	Fig.2	Fig.1	Fig.2	Fig.2	
Dia. of lead	φd	0.45				0.6			±0.05
Height of body	L	9.5				15.0			MAX
Distance from center to center of next body	P	12.7							±1.0
Distance from center to center of next driving hole	P ₀	12.7							±0.2
Distance between center of driving hole and lead	P ₁	5.1	3.85	4.6	3.85	4.6	3.85		±0.5
Distance between center of driving hole and body	P ₂	6.35							±1.0
Pitch of lead	F	2.5	5.0	3.5	5.0	3.5	5.0±0.8		+0.8 -0.2
Width of mounting tape	W	18.0							±0.3
Width of adhesive tape	W ₀	5.0							MIN
Distance between center of driving hole and mounting tape edge	W ₁	9.0							±0.5
Max. allowable distance between mounting and adhesive tape edges	W ₂	1.5							MAX
Distance between center of driving hole and bottom of body	H	17.5		20.0				18.5 ^{+0.75} _{-0.5}	±0.75
Distance between center of driving hole and clinch part of lead	H ₀	—	16.0	—	16.0	—	—		±0.5
End of lead	L ₁	0.5							MAX
Dia. of driving hole	φD ₀	4.0							±0.2
Off alignment of body top	△h	1.0							MAX
Off alignment of body top	△p	1.0							MAX
Sum of thickness for mounting and adhesive tape without lead dia	t	0.6							±0.3
Quantity (pcs)		2000		1000				500	

※For the case that tolerance is specified individually, the value shall have the priority.

◆ LEAD CUTTING FORMING SPECIFICATIONS

Rubycon provides lead-formed and lead-cut products to facilitate mounting on printed circuit boards, as well as products with leads specially processed (kink formed) for self supporting insertions to printed circuit boards.

•Lead forming
($\phi 6.3 \sim \phi 8$)
Lead forming code : FA

ϕD	6.3	8
L	L=8	L \geq 9
α	1.5	2.0
ϕd	0.45	0.6
F	5.0	

•Lead cutting
($\phi 6.3 \sim \phi 10$)
Lead cutting code : CA
CC
CE

ϕD	6.3	8	10
F	2.5	3.5	5.0
L	L=8	L \geq 9	
α	1.5	2.0	
ϕd	0.45	0.6	
H	5.0:CA 4.0:CC 3.5:CE		

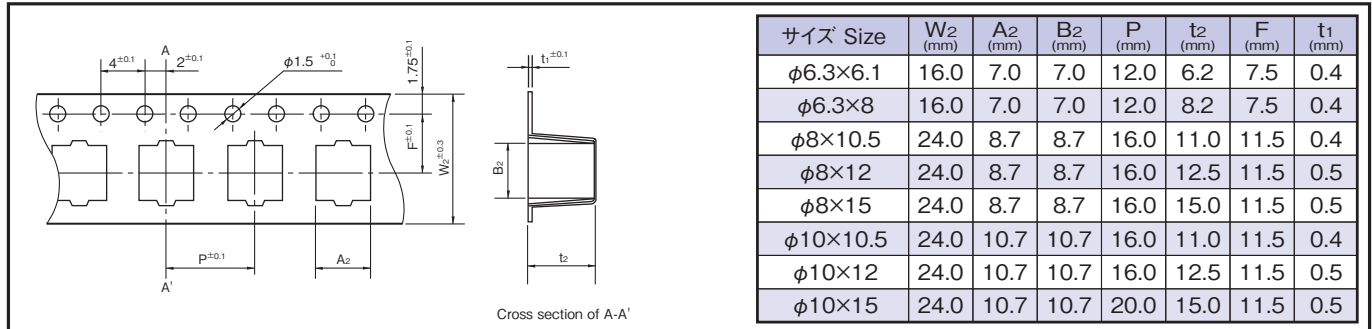
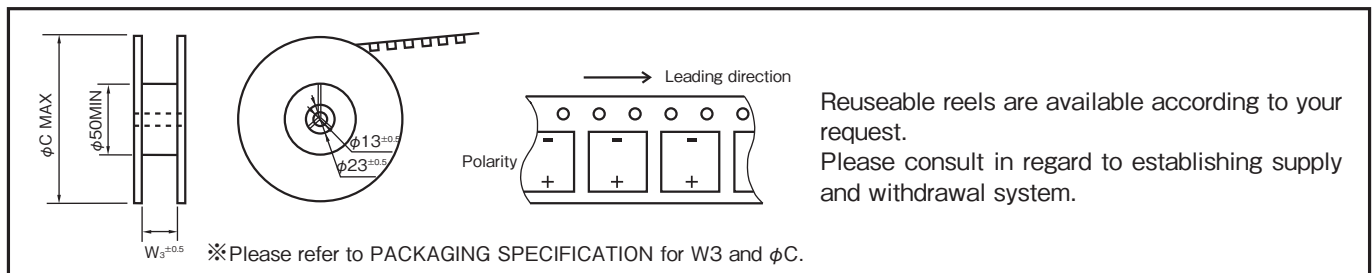
•Kinked lead forming
($\phi 8$)
Kinked lead forming code : KC

•Kinked lead cutting
($\phi 10$)
Kinked lead cutting code : KC

ϕD	8	10
L	L \geq 9	
α	2.0	
ϕd	0.6	
H1	4.5	
H2	2.8	
H3	2.5	—
F	5.0	
P	1.0	
E	1.2	1.3
Code	KC	

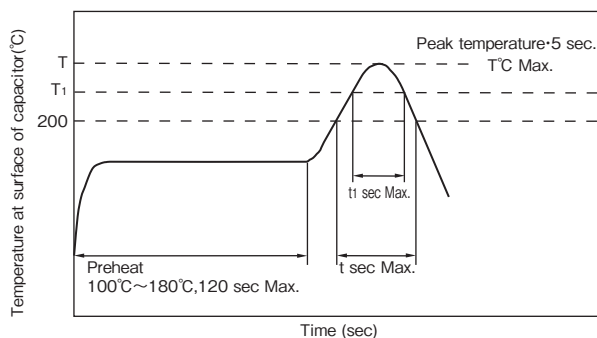
•($\phi 10$) Low profile with horizontal mounting

ϕD	10			
Code	RI	RK	RX	SG
ϕd	0.6			
F	5.0			
H	4.0	3.5		
Type	A	B	A	B

Chip type capacitors
◆TAPING DIMENSIONS

◆TAPING REEL

◆LEAD FREE TYPE REFLOW SOLDERING CONDITION
●Size φ8~φ10

- 1) Temperature at surface of capacitor shall not exceed T°C.
- 2) Period that temperature at surface of capacitor becomes more than 200°C and T₁°C shall not exceed t and t₁ seconds, respectively.
- 3) Preheat shall be made at 100°C~180°C and for maximum 120 seconds.
- 4) Please ensure that the capacitor became cold enough to the room temperature before the second reflow.

Series	Size	T(°C) ①	T ₁ (°C)	t(sec) ②	t ₁ (sec) ③	Reflow cycle
PAV PCV	φ8	250	230	60	40	2
	φ10	260	230	60	40	1
PEV PFV	φ6.3	250	230	60	40	2
	φ8	245	230	60	40	2
	φ10	260	230	60	40	1



- ① Peak temperature
- ② Time more than 200°C (MAX)
- ③ Time more than T₁ (MAX)

※Please contact us if the condition is over the maximum.

◆RECOMMENDED LAND SIZE
