

PART NUMBER

□□□ Rated Voltage		□□□□ Series		□□□□□ Capacitance		□ Capacitance Tolerance		□□□ Option		□□ Lead Forming		D×L Case Size	
↑		↑		↑		↑		↑		↑		↑	
Rated Voltage(V)	Code	Cap.(μF)	Code	Tolerance	Code	EFC etc	TA, KC, CA etc	5×11 10×12.5 12.5×40					
6.3	6.3	0.1	0R1	±20%	M								
10	10	0.47	0R47										
25	25	1	1										
100	100	10	10										
		1000	1000										

※ Show in P20,21,24

Please indicate the above information, when you inquire.

例): Example

*Long lead type	50	PX	2R2	M	EFC	5×11
*Taping type	35	ZLJ	220	M	TA	8×16

◆OPTION

	Code
PET Sleeve	EFC
PVC Sleeve	Blank

※ZLK,ZLJ,ZT,BXF,RX30,AX,YXJ series are all pet sleeve without "EFC" code.

PART NUMBER

□□□ Rated Voltage		□□□□ Series		□□□□□ Capacitance		□ Capacitance Tolerance		□□□ Option		D×L Case Size	
↑		↑		↑		↑		↑		↑	
Rated Voltage(V)	Code	Cap.(μF)	Code	Tolerance	Code					4×6.1 8×10.5 16×21.5	
6.3	6.3	4.7	4R7	±20%	M						
10	10	220	220								
25	25	3300	3300								
100	100										

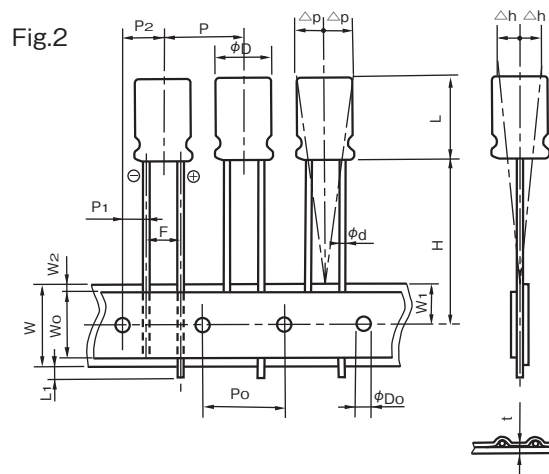
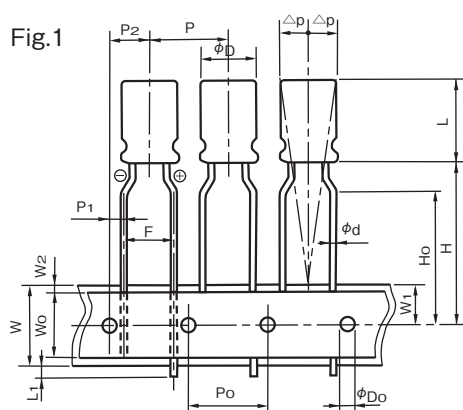
Please indicate the above information, when you inquire.

例): Example

35	TZV	330	M	10×10.5
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◆TAPING SPECIFICATIONS

◆ DIMENSIONS

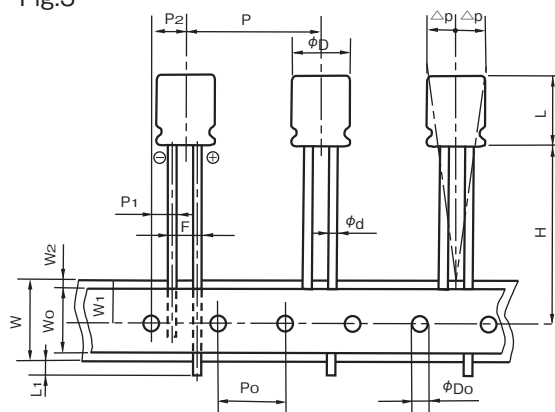


◆ SPECIFICATION TABLE

(mm)

Items	Code	5mm Height		7mm or 7.5mm Height				Tolerance
		$\phi 4 \sim \phi 8$		$\phi 4 \sim \phi 6.3$	$\phi 4 \sim \phi 6.3$	$\phi 8$		
Taping code		T5	TZ	T5	TZ	TA	T7	
Applicable Fig. No.		Fig.2	Fig.1	Fig.2	Fig.1	Fig.1	Fig.2	
Dia. of lead	ϕd	0.45		0.45				± 0.05
Height of body	L	6.5		8.5				MAX
Distance from center to center of next body	P	12.7		12.7				± 1.0
Distance from center to center of next driving hole	P ₀	12.7		12.7				± 0.2
Distance between center of driving hole and lead	P ₁	5.1	3.85	5.1	3.85		4.6	± 0.5
Distance between center of driving hole and body	P ₂	6.35		6.35				± 1.0
Pitch of lead	F	2.5	5.0	2.5	5.0		3.5	$+0.8$ -0.2
Width of mounting tape	W	18.0		18.0				± 0.3
Width of adhesive tape	W ₀	5.0		5.0				MIN
Distance between center of driving hole and mounting tape edge	W ₁	9.0		9.0				± 0.5
Max. allowable distance between mounting and adhesive tape edges	W ₂	1.5		1.5				MAX
Distance between center of driving hole and bottom of body	H	17.5		17.5		20.0		± 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		0.5				MAX
Dia. of driving hole	ϕD_0	4.0		4.0				± 0.2
Off alignment of body top	$\triangle h$	1.0		1.0				MAX
Off alignment of body top	$\triangle p$	1.0		1.0				MAX
Sum of thickness for mounting and adhesive tape without lead dia	t	0.6		0.6				± 0.3
Quantity (pcs)		2000 ($\phi 8$:1000)						

Fig.3



◆ SPECIFICATION TABLE

(mm)

Items	Code	9mm or more Height							※Tolerance	
		φ5, φ6.3		φ8		φ10	φ12.5	φ16		φ18
Taping code		T1	TA	TA	T7	T8	G4	GC		
Applicable Fig. No.		Fig.2	Fig.1	Fig.1	Fig.2	Fig.2	Fig.2	Fig.3		
Dia. of lead	φd	0.5		0.6			0.8		±0.05	
Height of body	L	13.0		22.0		30.0	42.0		MAX	
Distance from center to center of next body	P	12.7					15.0	30.0	±1.0	
Distance from center to center of next driving hole	P ₀	12.7					15.0	15.0±0.3	±0.2	
Distance between center of driving hole and lead	P ₁	5.1	3.85		4.6	3.85	5.0	3.75	±0.5	
Distance between center of driving hole and body	P ₂	6.35					7.5		±1.0	
Pitch of lead	F	2.5	5.0		3.5	5.0±0.8		7.5±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	18.5		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		—	—			±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		250		

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

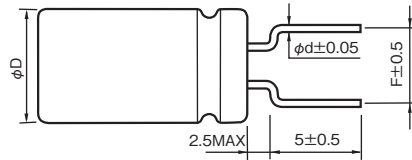
◆LEAD CUTTING FORMING SPECIFICATIONS

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

($\phi 5 \sim \phi 8$)

Lead forming code : FA



(mm)			
ϕD	5	6.3	8
ϕd	0.5		0.6
F	5.0		

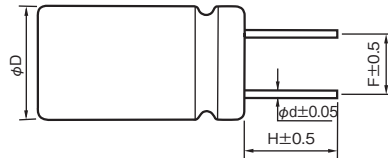
•Lead cutting

($\phi 5 \sim \phi 18$)

Lead cutting code : CA

CC

CE

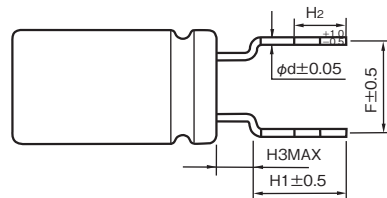
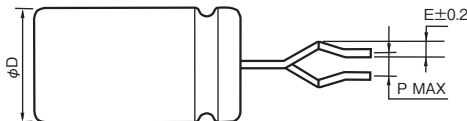


(mm)								
ϕD	5	6.3	8	10	12.5	14.5	16	18
H	5.0 (CA)							
	4.0 (CC)							
	3.5 (CE)							
ϕd	0.5		0.6		0.8			
F	2.0	2.5	3.5	5.0		7.5		

•Kinked lead forming

($\phi 5 \sim \phi 8$)

Kinked lead forming code : KC

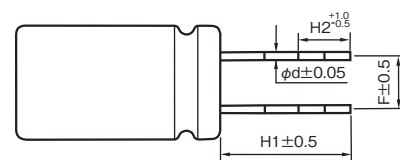
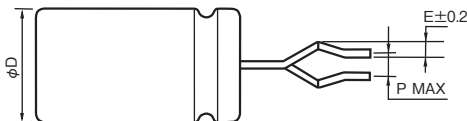


(mm)								
ϕD	5	6.3	8	10	12.5	14.5	16	18
H1	4.5							
H2	2.8							
H3	2.5			—				
F	5.0					7.5		
P	1.0							
E	1.2			1.3				
ϕd	0.5		0.6			0.8		

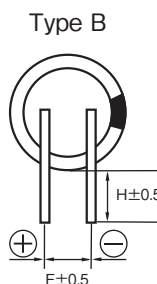
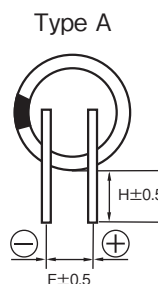
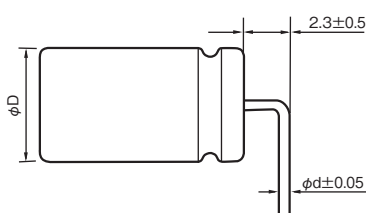
•Kinked lead cutting

($\phi 10 \sim \phi 18$)

Kinked lead cutting code : KC



•($\phi 10 \sim \phi 18$) / Low profile with horizontal mounting



(mm)								
ϕD	10, 12.5				14.5, 16, 18			
Code	RI	RK	RX	SG	RI	RK	RX	SG
ϕd	0.6				0.8			
F	5.0				7.5			
H	4.0		3.5		4.0		3.5	
Type	A	B	A	B	A	B	A	B

PACKAGING SPECIFICATION

◆LEAD WIRE TYPE

SIZE		LONG LEAD				LEAD FORMING				TAPING	
		PACKAGE QUANTITY		STANDARD SHIPPING CARTON QUANTITY		PACKAGE QUANTITY		STANDARD SHIPPING CARTON QUANTITY		PACKAGE QUANTITY	STANDARD SHIPPING CARTON QUANTITY
		BULK PACKAGE	ALIGNED PACKAGE	BULK PACKAGE	ALIGNED PACKAGE	BULK PACKAGE	ALIGNED PACKAGE	BULK PACKAGE	ALIGNED PACKAGE		
φ4	4×5	5,000	—	50,000	—	5,000	—	50,000	—	2,000	20,000
	4×7	5,000	—	50,000	—	5,000	—	50,000	—	2,000	20,000
φ5	5×5	5,000	—	50,000	—	5,000	—	50,000	—	2,000	20,000
	5×7	5,000	—	50,000	—	5,000	—	50,000	—	2,000	20,000
	5×11	3,000	—	30,000	—	5,000	—	50,000	—	2,000	20,000
φ6.3	6.3×5	3,000	—	30,000	—	5,000	—	50,000	—	2,000	20,000
	6.3×7	3,000	—	30,000	—	5,000	—	50,000	—	2,000	20,000
	6.3×9	2,000	—	12,000	—	3,000	—	18,000	—	2,000	10,000
	6.3×11	2,000	—	12,000	—	3,000	—	18,000	—	2,000	10,000
	6.3×15	2,000	—	12,000	—	3,000	—	18,000	—	2,000	10,000
	6.3×25	1,000	—	6,000	—	1,000	—	6,000	—	—	—
	6.3×30	1,000	—	6,000	—	1,000	—	6,000	—	—	—
	6.3×40	1,000	—	6,000	—	1,000	—	6,000	—	—	—
	6.3×50	1,000	—	6,000	—	1,000	—	6,000	—	—	—
φ8	8×5	3,000	—	30,000	—	5,000	—	50,000	—	1,000	10,000
	8×7	3,000	—	18,000	—	5,000	—	30,000	—	1,000	10,000
	8×7.5	2,000	—	20,000	—	2,000	—	20,000	—	1,000	10,000
	8×9	2,000	—	12,000	—	2,000	—	12,000	—	1,000	10,000
	8×10.8	2,000	—	12,000	—	2,000	—	12,000	—	1,000	10,000
	8×11.5	2,000	—	12,000	—	2,000	—	12,000	—	1,000	10,000
	8×16	1,000	—	6,000	—	1,000	—	6,000	—	1,000	4,000
	8×20	1,000	—	6,000	—	1,000	—	6,000	—	1,000	4,000
	8×23	1,000	—	6,000	—	1,000	—	6,000	—	1,000	4,000
	8×25	—	500	—	2,000	—	500	—	2,000	—	—
	8×30	—	500	—	2,000	—	500	—	2,000	—	—
	8×35	—	500	—	2,000	—	500	—	2,000	—	—
	8×40	—	500	—	2,000	—	500	—	2,000	—	—
	8×45	—	500	—	2,000	—	500	—	2,000	—	—
	8×50	—	500	—	2,000	—	500	—	2,000	—	—
	8×55	—	500	—	1,500	—	500	—	2,000	—	—
	8×60	—	500	—	1,500	—	500	—	2,000	—	—
φ10	10×9	1,000	—	6,000	—	1,000	—	6,000	—	500	5,000
	10×10	1,000	—	6,000	—	1,000	—	6,000	—	500	5,000
	10×12.5	1,000	—	6,000	—	1,000	—	6,000	—	500	5,000
	10×16	1,000	—	6,000	—	1,000	—	6,000	—	500	5,000
	10×20	1,000	—	4,000	—	1,000	—	4,000	—	500	5,000
	10×23	1,000	—	4,000	—	1,000	—	4,000	—	500	5,000
	10×25	1,000	500	4,000	2,000	1,000	500	4,000	2,000	500	5,000
	10×28	1,000	500	4,000	2,000	1,000	500	4,000	2,000	500	5,000
	10×30	—	500	—	2,000	—	500	—	2,000	—	—
	10×35	—	500	—	2,000	—	500	—	2,000	—	—
	10×40	—	500	—	2,000	—	500	—	2,000	—	—
	10×45	—	500	—	2,000	—	500	—	2,000	—	—
	10×50	—	500	—	2,000	—	500	—	2,000	—	—
	10×55	—	500	—	1,500	—	500	—	2,000	—	—
	10×60	—	500	—	1,500	—	500	—	2,000	—	—
φ12.5	12.5×16	1,000	—	4,000	—	1,000	500	4,000	2,500	500	2,000
	12.5×20	1,000	500	4,000	2,500	1,000	500	4,000	2,500	500	2,000
	12.5×25	1,000	500	4,000	2,500	1,000	500	4,000	2,500	500	2,000
	12.5×30	600	500	2,400	2,000	600	500	2,400	2,000	500	2,000
	12.5×35	600	500	2,400	2,000	600	500	2,400	2,000	500	2,000
	12.5×40	600	500	2,400	2,000	600	500	2,400	2,000	500	2,000
	12.5×45	—	500	—	2,000	—	500	—	2,000	—	—
	12.5×50	—	500	—	2,000	—	500	—	2,000	—	—
	12.5×55	—	500	—	1,500	—	500	—	1,500	—	—
	12.5×60	—	500	—	1,500	—	500	—	1,500	—	—
φ14.5	14.5×20	—	500	—	1,500	—	500	—	1,500	—	—
	14.5×25	—	500	—	1,500	—	500	—	1,500	—	—
	14.5×30	—	500	—	1,500	—	500	—	1,500	—	—
	14.5×31.5	—	500	—	1,500	—	500	—	1,500	—	—
	14.5×35	—	500	—	1,500	—	500	—	1,500	—	—
	14.5×40	—	500	—	1,500	—	500	—	1,500	—	—
	14.5×45	—	500	—	1,500	—	500	—	1,500	—	—
φ16	14.5×50	—	500	—	1,500	—	500	—	1,500	—	—
	16×16	600	—	2,400	—	600	400	2,400	2,000	250	1,500
	16×20	600	200	2,400	1,000	600	400/200	2,400	2,000/1,000	250	1,500
	16×25	600	200	2,400	1,000	600	400/200	2,400	2,000/1,000	250	1,500
	16×30	—	200	—	1,000	—	200	—	1,000	250	1,500
	16×31.5	—	200	—	1,000	—	200	—	1,000	250	1,500
	16×35	—	200	—	1,000	—	200	—	1,000	250	1,000
	16×35.5	—	200	—	1,000	—	200	—	1,000	250	1,000
	16×40	—	200	—	1,000	—	200	—	1,000	250	1,000
	16×45	—	200	—	1,000	—	200	—	1,000	—	—
	16×50	—	200	—	1,000	—	200	—	1,000	—	—
φ18	18×16	500	—	2,000	—	—	200	—	1,000	250	1,500
	18×20	500	200	2,000	1,000	—	200	—	1,000	250	1,500
	18×25	500	200	2,000	1,000	—	200	—	1,000	250	1,500
	18×30	—	200	—	1,000	—	200	—	1,000	250	1,000
	18×31.5	—	200	—	1,000	—	200	—	1,000	250	1,000
	18×35	—	200	—	1,000	—	200	—	1,000	250	1,000
	18×35.5	—	200	—	1,000	—	200	—	1,000	250	1,000
	18×40	—	200	—	1,000	—	200	—	1,000	250	1,000
	18×45	—	200	—	1,000	—	200	—	1,000	—	—
	18×50	—	200	—	1,000	—	200	—	1,000	—	—

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

For the sizes stated both bulk and aligned package, aligned package is standard for exporting carton.