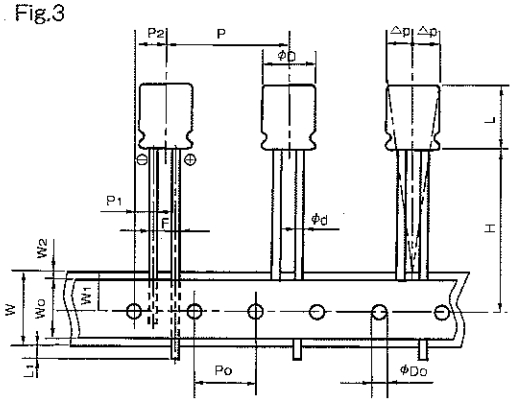
WINSOURCE ELECTRONICS

THE DATASHEET OF

50YK22MEFCT15X11

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	Po	12.7					15.0	15.0±0.3		±0.2
Distance between center of driving hole and lead	P1	5.1	3.85		4.6	3.85	5.0	3.75		±0.5
Distance between center of driving hole and body	P2	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	Wo	5.0								MIN
Distance between center of driving hole and mounting tape edge	W1	9.0								±0.5
Max. allowable distance between mounting and adhesive tape edges	W2	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	Ho	—	16.0		—	—				±0.5
End of lead	L1	0.5								MAX
Dia. of driving hole	φDo	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		

◆TAPING SPECIFICATIONS

◆DIMENSIONS

Fig.1

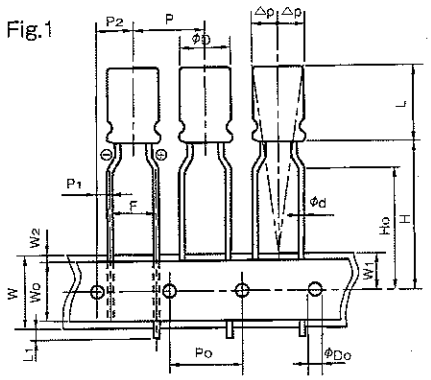
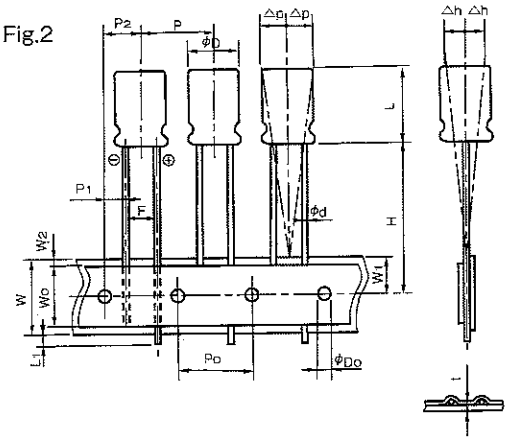


Fig.2



◆SPECIFICATION TABLE

(mm)

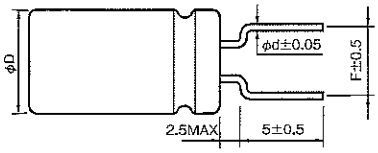
Items	Code	5mm Height		7mm or 7.5mm Height				Tolerance
		φ4~φ8		φ4~φ6.3	φ4~φ6.3	φ8		
Taping code		T5	TZ	T5	TZ	TA	T7	
Applicable Fig. No.		Fig.2	Fig.1	Fig.2	Fig.1	Fig.1	Fig.2	
Dia. of lead	φd	0.45		0.45				±0.05
Height of body	L	6.5		8.5				MAX
Distance from center to center of next body	P	12.7		12.7				±1.0
Distance from center to center of next driving hole	P0	12.7		12.7				±0.2
Distance between center of driving hole and lead	P1	5.1	3.85	5.1	3.85		4.6	±0.5
Distance between center of driving hole and body	P2	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	W0	5.0		5.0				MIN
Distance between center of driving hole and mounting tape edge	W1	9.0		9.0				±0.5
Max. allowable distance between mounting and adhesive tape edges	W2	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	H0	—	16.0	—	16.0		—	±0.5
End of lead	L1	0.5		0.5				MAX
Dia. of driving hole	φD0	4.0		4.0				±0.2
Off alignment of body top	△h	1.0		1.0				MAX
Off alignment of body top	△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 (φ8:1000)						

◆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

(φ5~φ8)
Lead forming code : FA

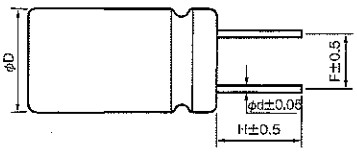


(mm)

φD	5	6.3	8
φd	0.5		0.6
F	5.0		

・Lead cutting

(φ5~φ18)
Lead cutting code : CA
CC
CE

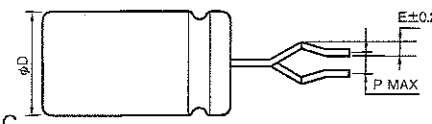


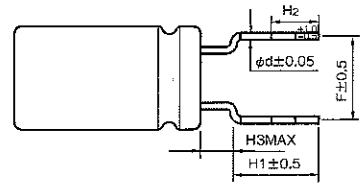
(mm)

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

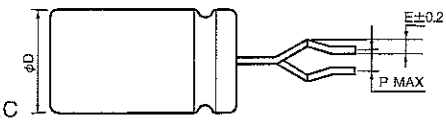
(φ5~φ8)
Kinked lead forming code : KC

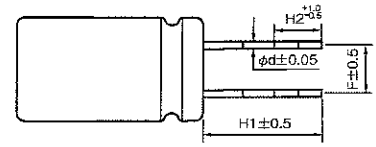




・Kinked lead cutting

(φ10~φ18)
Kinked lead cutting code : KC

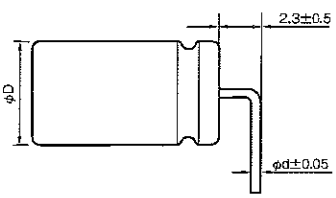


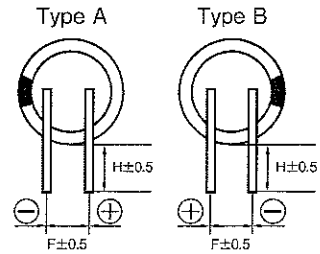


(mm)

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	

・(φ10~φ18)／Low profile with horizontal mounting





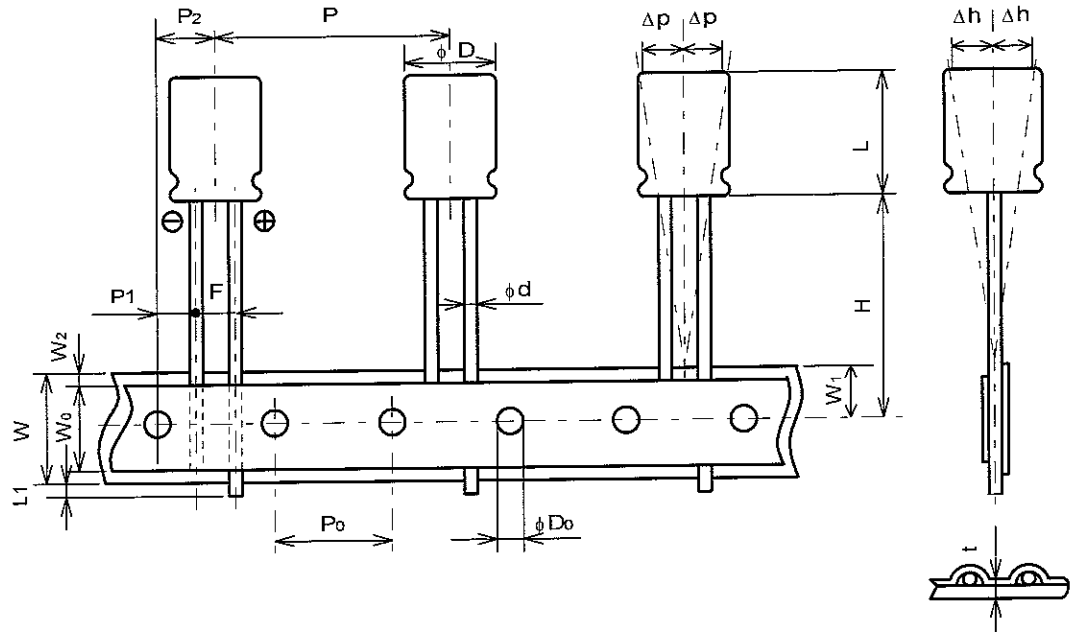
(mm)

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

space between leads

CODE : GA (Positive leading)

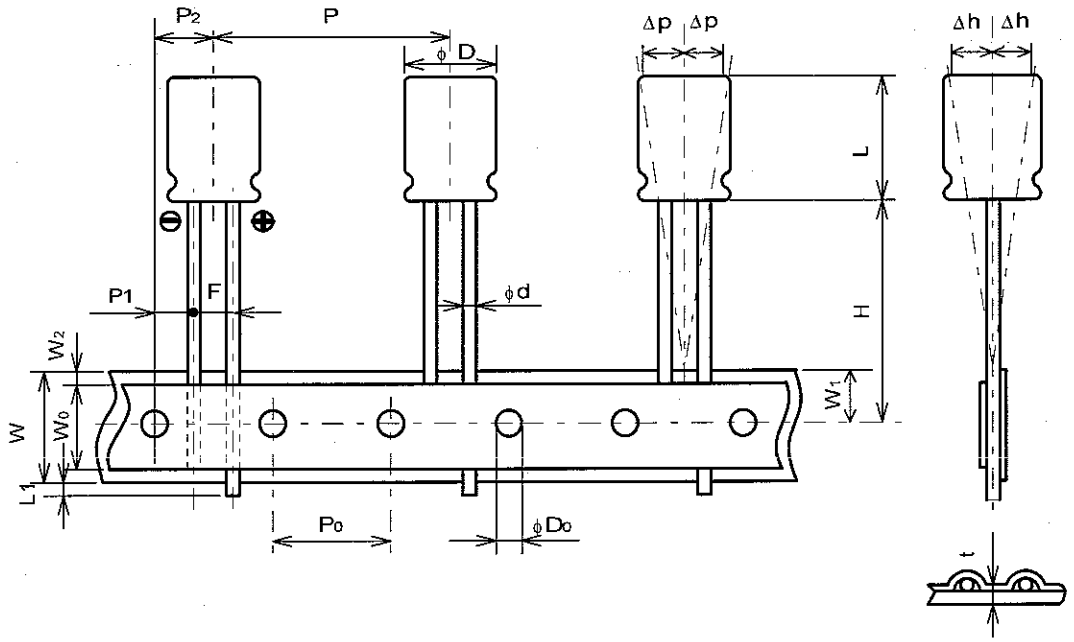
LEAD TYPE (DIA. ϕ12.5X20)



Symbol	Case Dia ϕ mm ϕ12.5		Remarks
ϕd	0.6	±0.05	Dia of lead
L	22.0	MAX	Height of body
P	25.4	±1.0	Distance from center to center of body
P_0	12.7	±0.2	Distance from center to center of driving hole
P1	3.85	±0.5	Distance between center of driving hole and lead
P2	6.35	±1.0	Distance between center of driving hole and body
F	5.0	±0.8	Lead spacing
W	18.0	±0.3	Width of mounting tape
W_0	5.0	MIN	Width of adhesive tape
W1	9.0	±0.5	Distance between center of driving hole and edge of mounting tape
W2	1.5	MAX	Max. allowable distance between mount and adhesive tape side
H	18.5	±0.75	Distance between center of driving hole and bottom of body
L1	0.5	MAX	Protrusion of lead
ϕD_0	4.0	±0.2	Dia. of driving hole
Δh	1.0	MAX	Off alignment of body
Δp	1.0	MAX	Off alignment of body
t	0.6	±0.3	Sum of thickness for mounting and adhesive tape without lead dia.

CODE : GC (Positive leading)

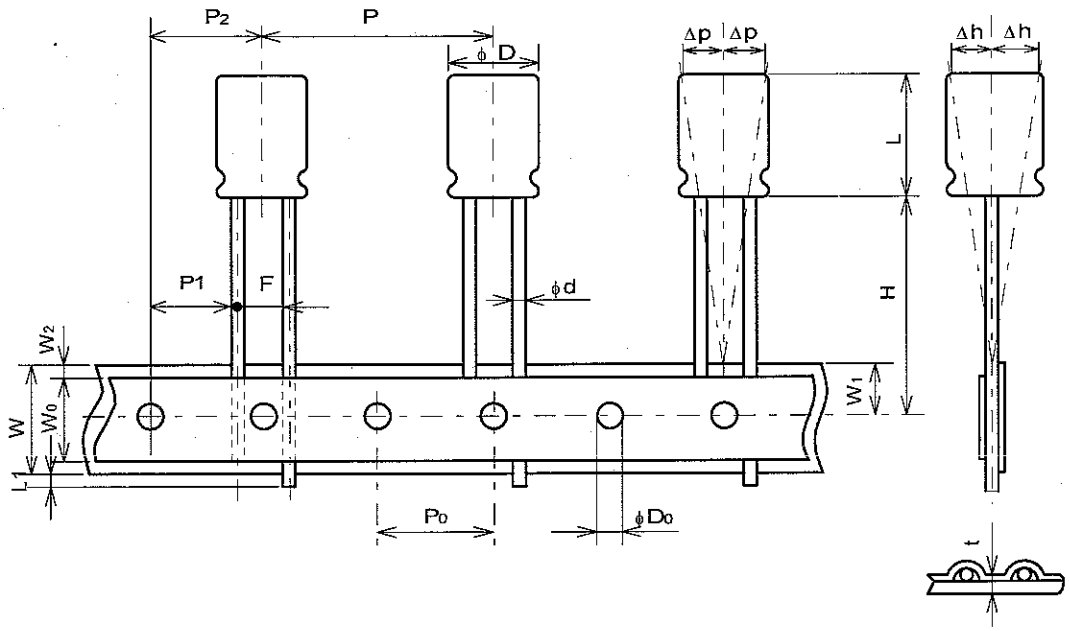
LEAD TYPE (DIA. ϕ18)



Symbol	Case Dia ϕ mm ϕ18		Remarks
ϕd	0.8	±0.05	Dia of lead
L	22.0	MAX	Hight of body
P	30.0	±1.0	Distance from center to center of body
P_0	15.0	±0.3	Distance from center to center of driving hole
P1	3.75	±0.5	Distance between center of driving hole and lead
P2	7.5	±1.0	Distance between center of driving hole and body
F	7.5	±0.8	Lead spacing
W	18.0	±0.3	Width of mounting tape
W_0	5.0	MIN	Width of adhesive tape
W1	9.0	±0.5	Distance between center of driving hole and edge of mounting tape
W2	1.5	MAX	Max. allowable distance between mount and adhesive tape side
H	18.5	$^{+0.75}_{-0.5}$	Distance between center of driving hole and bottom of body
L1	0.5	MAX	Protrusion of lead
ϕD_0	4.0	±0.2	Dia. of driving hole
Δh	1.0	MAX	Off alignment of body
Δp	1.0	MAX	Off alignment of body
t	0.6	±0.3	Sum of thickness for mounting and adhesive tape without lead dia.

CODE : G3 (Positive leading)

LEAD TYPE (DIA. ϕ18)



Symbol	Case Dia ϕ mm ϕ18		Remarks
ϕd	0.8	±0.05	Dia of lead
L	22.0	MAX	Hight of body
P	25.4	±1.0	Distance from center to center of body
P_0	12.7	±0.3	Distance from center to center of driving hole
P1	8.95	±0.5	Distance between center of driving hole and lead
P2	12.7	±1.0	Distance between center of driving hole and body
F	7.5	±0.8	Lead spacing
W	18.0	±0.3	Width of mounting tape
W_0	5.0	MIN	Width of adhesive tape
W1	9.0	±0.5	Distance between center of driving hole and edge of mounting tape
W2	1.5	MAX	Max. allowable distance between mount and adhesive tape side
H	19.0	±0.75	Distance between center of driving hole and bottom of body
L1	0.5	MAX	Protrusion of lead
ϕD_0	4.0	±0.2	Dia. of driving hole
Δh	1.0	MAX	Off alignment of body
Δp	1.0	MAX	Off alignment of body
t	0.6	±0.3	Sum of thickness for mounting and adhesive tape without lead dia.

L4 = Cathode Lead wire
26 mm MIN (Long Lead)
standard is 15 mm

Appendix B
Taping(Ammo Pack)
Standard Tapoing Codes

Lead Form Code
Aluminum Electrolytic Capacitors

	Lead space	Configuration	Body Dia.	Code
5mm L 7mm L	2.0mm	Straight type	3 -5 mm	**TG**
	2.5mm	Forming type	3 -5 mm	**P7**
		Straight type	3 -5 mm	T5
			6.3mm	**T5**
	3.5mm	Forming type	3 - 6.3mm	PF
		Straight type	8mm	TE
	5.0mm	Forming type	3 -6.3mm	TZ
			8mm	T3
General	2.0mm	Straight type	5mm	TG
	2.5mm	Forming type	-	-
		Straight type	5- 6.3mm	T1
	3.5mm	Forming type	**8mm**	TE
		Straight type	8mm	T7
	5.0mm	Forming type	5-8mm	TA
		Straight type	10mm	T8
			12.5mm	G4
	7.5mm	Straight type	16-18mm	**GC**

Reference
Taping (Ammo Pack)

Lead Form Code
Aluminum Electrolytic Capacitor

			Fig 2		Fig 1		Figure 2.			
	Code	Leading(+)		TG		TG	T5	T1		T1
		Leading(-)		PJ		PJ				
Key Dimen-sions	Body Pitch	P		12.7	12.7	12.7	12.7	12.7	12.7	12.7
	Hole Pitch	Po		12.7	12.7	12.7	12.7	12.7	12.7	12.7
	Lead Space	F		2.0	2.5	2.5	2.5	2.5	2.5	2.5
	Body Position	H		18.5	17.5	18.5	17.5	18.5	17.5	18.5
	Hole to Clinch	Ho			16	16				
	Clinch Height	H-Ho			1.5	2.5				
Formed Lead type					※	※				
Straight Lead type			※	※			※	※	※	※
Applicable to			Body Dia.4-5mm only						D=6.3 only	

Appendix A

Lead Form Code
Aluminum Electrolytic Capacitors

Cut Leads

Lead Length	Code	Lead Length	Code
3.0	CT	**3.2**	CR
3.3	C5	**3.5**	CE
4.0	CC	7.5	CW
4.5	CM	8.0	CH
5.0	CA	8.5	CS
5.5	CB	9.0	CK
6.0	C2	10.0	CN

Formed & Cut Leads (3-8mm dia.Caps only)

Lead Length	Code
4.0	MB
4.5	FC
5.0	FA
5.5	FB
6.0	FF

2.5max→2.0 max

Kink Cut Leads

Series	Body dia	F	Code	Remarks
General	5to8	5.0	KC	Stand-Off
	10to12.5	5.0	KC	
	16to18	7.5	KC	
MS5/MS7	3to6.3	5.0	K2	Stand-Off
	4	3.5	K8	Stand-Off
	4to5	2.5	K7	Stand-Off
	6.3x5,6.3x7,8x5,6.3x11	2.5	K9	

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