

PRODUKTINFORMATION



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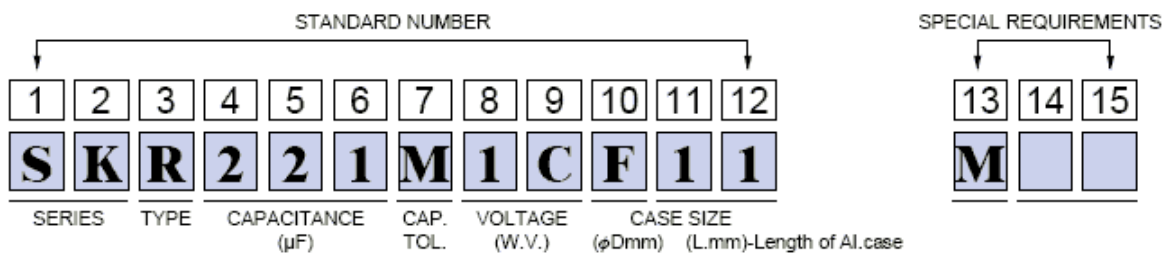
— Vi reserverar oss mot fel samt förbehåller oss rätten till ändringar utan föregående meddelande —

ELFA artikelnr.

Antal sidor: 02

67-002-49 Miniellyt 10uF/16V 1,5mm
67-002-56 Miniellyt 22uF/16V 1,5mm
67-002-64 Miniellyt 33uF/16V 2,0mm
67-002-72 Miniellyt 47uF/16V 2,5mm
67-002-98 Miniellyt 100uF/16V 2,5mm
67-003-48 Miniellyt 10uF/25V 1,5mm
67-003-55 Miniellyt 22uF/25V 2,0mm
67-003-63 Miniellyt 33uF/25V 2,5mm
67-005-04 Miniellyt 0,10uF/50V 1,5mm

67-005-12 Miniellyt 0,22uF/50V 1,5mm
67-005-20 Miniellyt 0,33uF/50V 1,5mm
67-005-38 Miniellyt 0,47uF/50V 1,5mm
67-005-46 Miniellyt 1,0uF/50V 1,5mm
67-005-53 Miniellyt 2,2uF/50V 1,5mm
67-005-61 Miniellyt 3,3uF/50V 1,5mm
67-005-79 Miniellyt 4,7uF/50V 1,5mm
67-005-87 Miniellyt 10uF/50V 2,5mm



Series		Code	Type	Description	CAP (μF)	Code	Tolerance (%)	Code	Voltage (W.V.)	Code	Diameter (φ)	Code	Length (L)	Code	Code	Description
PS	TH	R	Radial	Bulk	0.1	OR1	+10	K	4	0G	3	A	11	11	W	Without Sleeve
PT	TX				0.22	R22	-10		6.3	0J	3.8	S	11.5	BB		Customer
CS	WB				0.33	R33	+15		10	1A	4	C	12.5	BC		1~9
CR	FS	P	Radial	Taping (Ammo Pack)	0.47	R47	-15	L	13	1P	5	D	31.5	DB	A~Z	Assign
CT	UK				1	010	+20		16	1C	6	W	35.5	DF		
CH	NC	C	Radial	Lead Cut	2.2	2R2	-20	M	20	1D	6.3	E	100	1H		
CL	LP				3.3	3R3	+100		25	1E	7	Y	110	1A		
CF	HP	F	Radial	Lead Forming Cut	4.7	4R7	-0	P	35	1V	8	F	115	1K		
SV	LS				10	100	+30		40	1G	10	G	120	1B		
ST	HS	B	Radial	Lead Forming Only	22	220	-10	Q	50	1H	12	H	121	1M		
NT	LT				33	330	+20		63	1J	12.5	I	130	1C		
SS	HT	Y	Radial	Lead Snap in	47	470	-0	R	80	1K	13	J	131	1P		
SH	HV				100	101	+50		100	2A	16	K	140	1D		
SL	KP	W	Lug	Snap in Terminal	220	221	-10	T	125	2B	18	L	144	1Q		
NS	RP				330	331	+75		160	2C	20	M	150	1E		
SK		G	Lug	G Type Terminal	470	471	-10	U	180	2M	22	N	155	1N		
SM					1000	102	+20		200	2D	25	O	157	1R		
TK		V	Lug	V Type Terminal	2200	222	-10	V	250	2E	30	P	160	1F		
TM					3300	332	+20		315	2F	35	Q	170	1G		
NK		S	Screw	Screw Terminal Type	4700	472	-5	H	330	2U	40	R	180	1I		
LK					10000	103	+30		350	2V	51	V	190	1J		
WL		M	Chip	Surface Mount Type	22000	223	-0	F	400	2G	64	1	196	1S		
WG					33000	333	+100		450	2W	77	2	215	1L		
TL		E	Chip	Horizontal Molded	47000	473	-10	W	500	2H	90	3	236	1T		

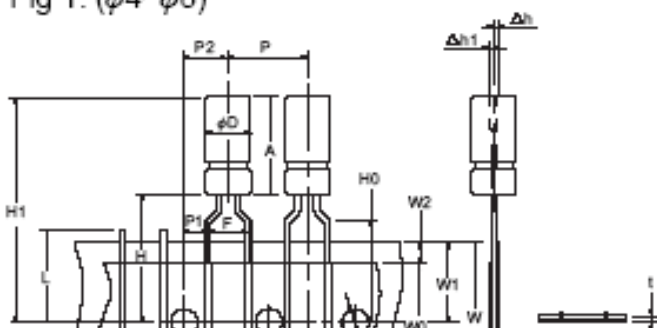
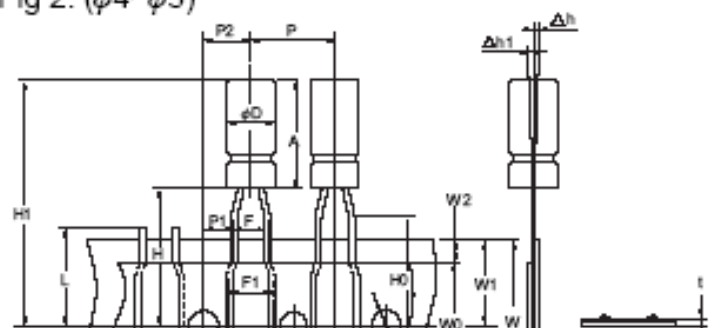
SPECIFICATION

Lead tapping is designed for automatic insertion equipment. Capacitor with case size of 18mm x 35.5mm or smaller are available in taping type.

DIMENSIONS ($\phi 4 \sim \phi 10$)

(mm)

Item	Symbol	Case Size										Tolerance	Remark					
		4x5	5x5	6.3x5	8x5	4x7	5x7	6.3x7	8x7	5x11	6.3x11			8x11.5	10x12.5	10x16	10x18	10x20
Lead wire diameter	d	0.45					0.5					0.6					± 0.05	
Body height	A	6.0			8.0				12.5			13	14	17.5	19.5	21.5	max	
Intervals of bodies	P	12.7										± 1.0						
Intervals of punched holes	P ₀	12.7										± 0.2						
Distance between holes and lead wire	P ₁	3.85										± 0.7	Fig 1. Fig 4.					
		5.35	5.1	5.1			5.35	5.1	5.1		5.1						Fig 2.	
		5.6	5.35	5.1	5.1	5.6	5.35	5.1	4.6	5.35	5.1		4.6				Fig 3.	
Distance between holes and bodies	P ₂	6.35										± 1.0						
Distance between lead and lead	F	5.0										$+0.8$ -0.2	Fig 1. Fig 4.					
		2.0	2.5	2.5			2.0	2.5	2.5		2.5						Fig 2. F ₁ : 5.0 $+0.5$ -1.0	
		1.5	2.0	2.5	2.5	1.5	2.0	2.5	3.5	2.0	2.5		3.5				Fig 3. F ₁ : 5.0 $+0.5$ -1.0	
Base tape width	W	18.0										± 0.5						
Adhesive tape width	W ₀	12.5										min						
Deviation between holes and base tape	W ₁	9.0										± 0.5						
Deviation between adhesive and base tape	W ₂	1.5										max						
Distance between body bottom and tape center	H	17.5					18.5					20.0	18.5				± 0.5	Fig 1. Fig 4.
		17.5					18.5					18.5						Fig 2. Fig 3.
Lead wire clinched height	H ₀	16.0										± 0.5						
Distance between body top and tape center	H ₁	24.5			27.5				32.5			33.0	36.0	38.0	41.0	max		
Punched hole diameter	D ₀	4.0										± 0.3						
Length of not good lead slit	L	11.0										max						
Base and adhesive tape thickness	t	0.6										± 0.3						
Deviation of body alignment	Δh	0										± 2.0						
Deviation of body alignment	Δh_1	0										± 1.0						

Fig 1. ($\phi 4 \sim \phi 8$)Fig 2. ($\phi 4 \sim \phi 5$)

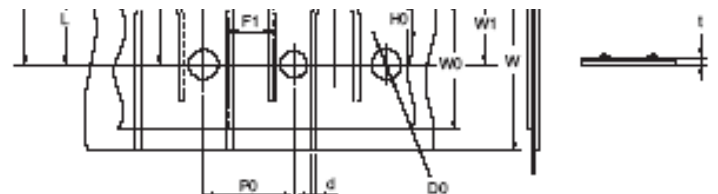
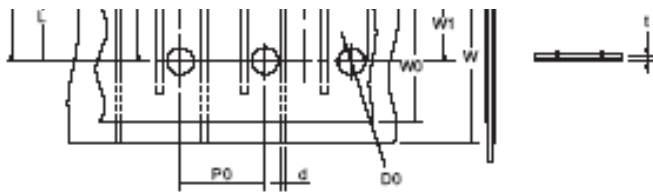


Fig 3. ($\phi 4 \sim \phi 8$)

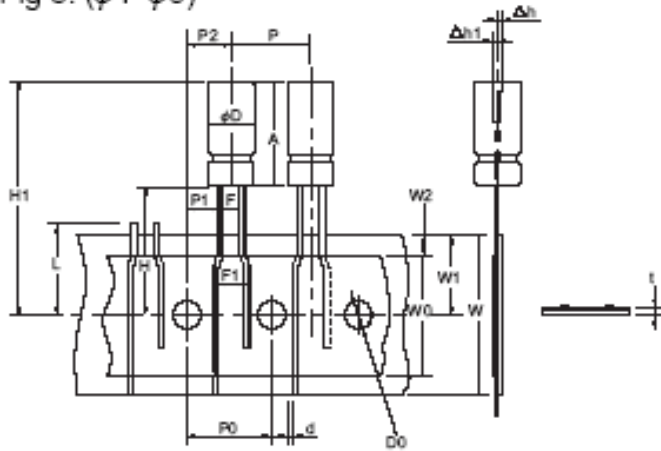
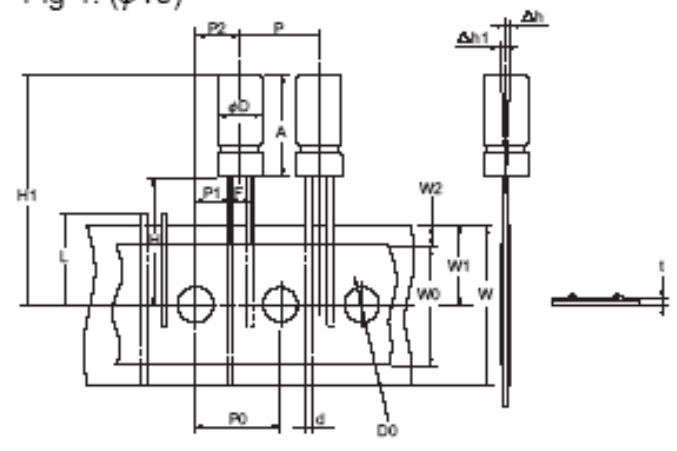


Fig 4. ($\phi 10$)



DIMENSIONS ($\phi 13 \sim \phi 18$)

(mm)

Item	Symbol	Case Size							Tolerance	Remark
		12.5 x 20	12.5 x 25	12.5 x 30	16 x 25	16 x 31.5	16 x 35.5	18 x 35.5		
Lead wire diameter	d	0.6			0.8				± 0.05	
Body height	A	21.5	26.5	31.5	26.5	33	37.0	37.0	max	
Intervals of bodies	P	15.0			30.0				± 1.0	Fig 5. Fig 6.
Intervals of punched holes	P ₀	15.0							± 0.2	
Distance between holes and lead wire	P ₁	5.0			3.75				± 0.7	
Distance between holes and bodies	P ₂	7.5							± 1.0	
Distance between lead and lead	F	5.0			7.5				+0.8 -0.2	
Base tape width	W	18.0							± 0.5	
Adhesive tape width	W ₀	15.0							min	
Deviation between holes and base tape	W ₁	9.0							± 0.5	
Deviation between adhesive and base tape	W ₂	1.5							max	
Distance between body bottom and tape center	H	16.5			18.5				± 0.5	Fig 5. Fig 6.
Distance between body top and tape center	H ₁	40.5	45.5	50.5	46.5	53.5	56.5	56.5	max	
Punched hole diameter	D ₀	4.0							± 0.3	
Length of not good lead slit	L	11.0							max	
Base and adhesive tape thickness	t	0.6							± 0.3	
Deviation of body alignment	Δh	0							± 2.0	

Deviation of body alignment	Δh	0	± 2.0
Deviation of body alignment	$\Delta h1$	0	± 1.0

Fig 5. ($\phi 13$)

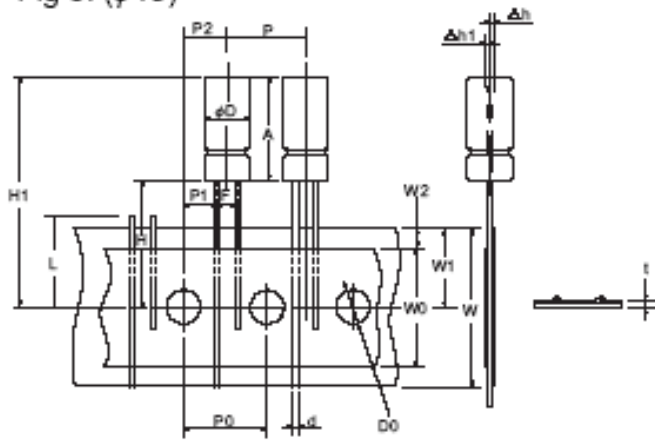
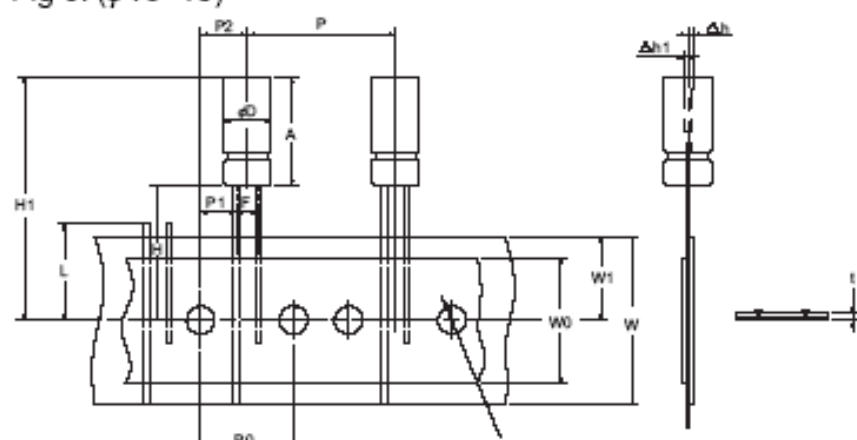


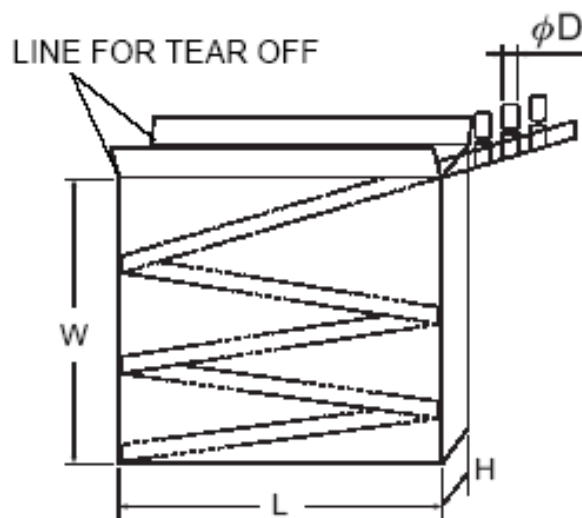
Fig 6. ($\phi 16\sim 18$)



PACKING (SYMBOL : P)

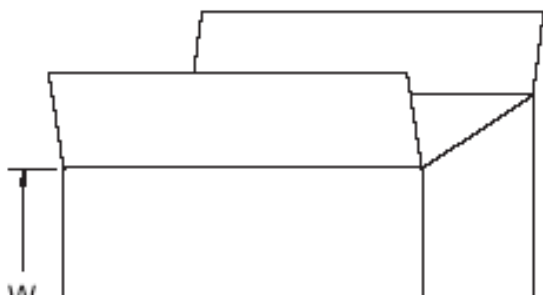
Available for various automatic equipment. Choosing the ordinal the polarity of capacitor's lead depends on customer's request.

INNER BOX :

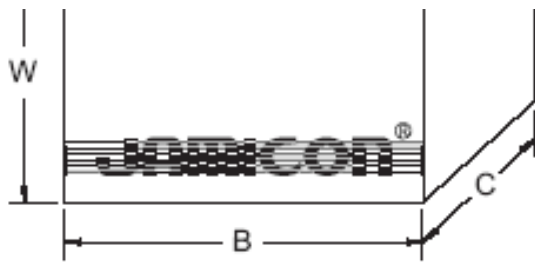


ϕD (mm)	$W \pm 5$ (mm)	$L \pm 5$ (mm)	$H \pm 5$ (mm)	Quantity(Pcs)
4	175	335	45	2,000
5	235	335	50	2,000
6.3	280	335	50	2,000
8	235	335	50	1,000
10(L \leq 16)	295	320	50	800
10(L \leq 20)	295	320	55	800
12.5(L \leq 20)	295	320	55	500
12.5(L \leq 25)	295	320	60	500
12.5(L \leq 30)	295	320	70	500
16(L \leq 25)	295	320	60	300
16(L \leq 31.5)	295	320	70	300
16(L \leq 35.5)	300	320	70	300
18(L \leq 35.5)	300	320	70	243

PACKING CARTON :



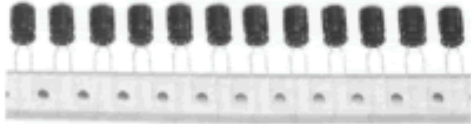
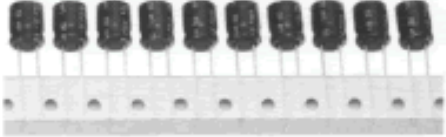
ϕD (mm)	$A \pm 5$ (mm)	$B \pm 5$ (mm)	$C \pm 5$ (mm)	Inner Box	Quantity(Pcs)
4	240	355	185	5	10,000
5	270	355	250	5	10,000
6.3	270	355	300	5	10,000
8	270	355	250	5	5,000
10(L \leq 16)	290	345	320	5	4,000
10(L \leq 20)	315	345	320	5	4,000
12.5(L \leq 20)	315	345	320	4	2,000
12.5(L \leq 25)	340	345	320	4	2,000



12.5(L≤20)	315	345	320	4	2,000
12.5(L≤25)	340	345	320	4	2,000
12.5(L≤30)	370	345	320	4	2,000
16(L≤25)	340	345	320	4	1,200
16(L≤31.5)	370	345	320	4	1,200
16(L≤35.5)	385	345	320	4	1,200
18(L≤35.5)	385	345	320	4	972

Lead Style & taping

Item List	Code	Lead Diameter (mm)	Case Size DxL(mm)	Range	Dimensions	
Lead Style	Lead Cut	C	0.5~0.8	5 x 11 } 18 x 40	$\phi 5 \sim \phi 18$	
	Lead Forming Cut	F	0.5~0.6	5 x 11 } 8 x 11.5	$\phi 5 \sim \phi 8$	
	Snap-in	Y	0.5~0.8	5 x 11	$\phi 5 \sim \phi 8$	
18 x 40				$\phi 10 \sim \phi 18$		
					$\phi 4 \sim \phi 8$: See Fig 1. (page 8)	

<p>Lead Taping</p>	<p>P</p>	<p>0.45~0.8</p>	<p>4 x 5 $\}$ 18 x 35.5</p>	<p>$\leq \phi 18$</p>	<p>$\phi 4 \sim \phi 8$: See Fig 1. (page 8)</p>  <p>$\phi 10$: See Fig 4. (page 9)</p> 
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