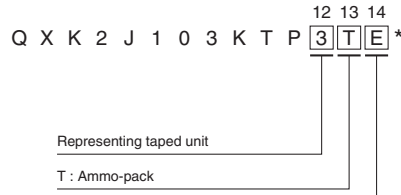
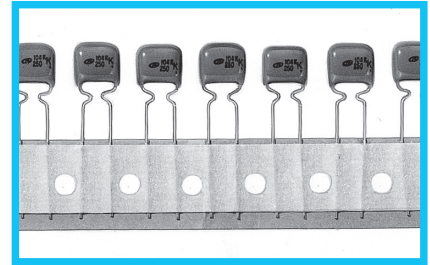


Taped Capacitors for Automatic Insertion Systems

Type numbering system



Code	Taping Style	Lead-to-lead distance (F)	Pitch of component (P)
A	A	5.0	12.7
L	L	5.0	15.0
M	M	5.0	25.4
E	E	7.5	15.0
R	R	7.5	30.0



*QXK-(ZH) Type numbering system

- the 12th digit = 3
- the 13th digit = Z
- the 14th digit = H
- the 15th digit = T
- the 16th digit = Style Code

One example : QXK2J103KTP3ZHTR

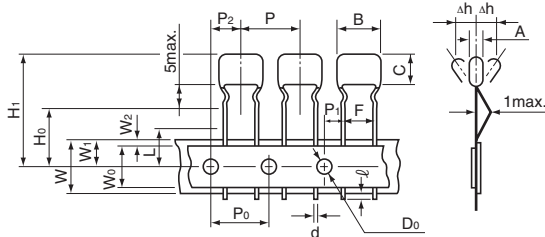
Dimensions

Item	Symbol	Dimensions (mm)					
		A	L	M	E	R	Tolerance
Pitch of component	P	12.7	15.0	25.4	15.0	30.0	± 1.0
Feed hole pitch	P ₀	12.7	15.0	25.4	15.0	30.0	± 0.3
Feed hole pitch	P' ₀	-	-	12.7	-	15.0	± 0.3
Distance between hole and lead wire	P ₁	3.85	5.0	3.85	3.75	3.75	± 0.7
Distance between hole and component	P ₂	6.35	7.5	6.35	7.5	7.5	± 1.3
Lead-to-lead distance	F	5.0	5.0	5.0	7.5	7.5	± 0.8
Tilt of component	Δh	0 ± 2.0					
Tape width	W	18 ± 0.3					
Hold-down tape width	W ₀	12.5 min.					
Slip out of hole	W ₁	9.0 ± 0.5					
Slip out of hold-down tape	W ₂	3.0 max.					
Lead-wire clinch height	H ₀	16.0 ± 0.5					
Length of cut lead	ℓ	2.0 max.					
Feed hole diameter	D ₀	4.0 ± 0.2					
Total tape thickness	t	0.7 ± 0.2					
Cut length of rejected component	L	11.0 max.					
Upper side position	H ₁	H ₀ + 5 + C					

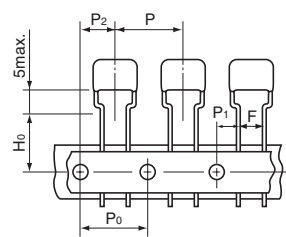
- Note
- 1) Measuring positions for P₁, F, and H₀ shall be at the lower part of lead wire clinch.
 - 2) Consecutive omissions due to rejected components shall be allowed up to 1 piece, provided that the first one after turn-up shall be with no taping and not be counted among the omission numbers.
 - 3) When connecting tapes, both of front and back sides shall be stuck with hold-down tape.
 - 4) At the start and end of taping, empty feeding shall be corresponding to more than 8, and less than 11 pieces.
 - 5) Marking shall be allowed at either side of components.

Taping specifications

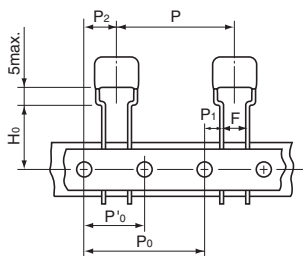
Style A (Code : A)



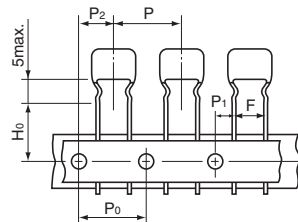
Style L (Code : L)



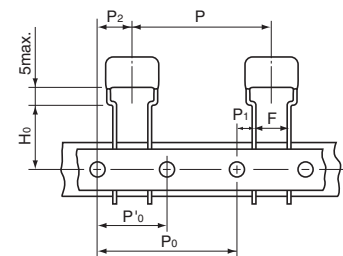
Style M (Code : M)



Style E (Code : E)



Style R (Code : R)



The order quantity must be in multiples of the base quantity.

Order quantity (Taping)

(μF) Cap.	series W.V. Code	QXK-(ZH)									QXK									QXL					
		250VDC			400VDC			630VDC			250VDC			400VDC			630VDC			125VAC			250VAC		
		Style	Quantity	Case Code	Style	Quantity	Case Code	Style	Quantity	Case Code	Style	Quantity	Case Code	Style	Quantity	Case Code	Style	Quantity	Case Code	Style	Quantity	Case Code	Style	Quantity	Case Code
0.01	103							R	1000	3		A	1000	1		A	1000	1		E	1000	1			
0.015	153																								
0.022	223				E	1000	2		500	1					E		2			2	E	1000	1		2
0.033	333																								
0.047	473	L	1000	2	R		3			4												2			3
0.068	683					500	1										R	500	3						
0.1	104								400																
0.15	154	M	500				4							2	R	500	3								
0.22	224			3								L	3												
0.33	334					400										400	4								
0.47	474			4		300						M	500	2								R	500		
0.68	684													4									400		
1.0	105																						300		
1.5	155												400												

(μF) Cap.	series W.V. Code	QXP												
		250VDC			400VDC			630VDC			800VDC			
		Style	Quantity	Case Code	Style	Quantity	Case Code	Style	Quantity	Case Code	Style	Quantity	Case Code	
0.01	103							R	1000	3		R	1000	3
0.015	153												500	1
0.022	223				R	1000	3		500	1				
0.033	333													4
0.047	473	R	1000	3		500	1			4			400	
0.068	683													
0.1	104		500	1		400	4		400				300	
0.15	154								300					
0.22	224		400	4		300								
0.33	334													
0.47	474		300	4										
0.68	684													

■ Packing Quantity (Ammo-Pack)

Case code	Size	A	B	C
No.1		330	235	55
No.2		330	300	55
No.3		330	330	55
No.4		350	360	62

Order quantity (Bulk)

(μF) Cap.	series W.V. Code	QXK-(ZH)			QXK			QXP				QXT		QXL	
		250VDC	400VDC	630VDC	250VDC	400VDC	630VDC	250VDC	400VDC	630VDC	800VDC	400VDC	630VDC	125VAC	250VAC
0.0068	682													1000	
0.01	103			1000	1000	1000	1000			1000	1000	1000			1000
0.015	153														
0.022	223		1000						1000					1000	
0.033	333														
0.047	473	1000												800	
0.068	683													500	
0.1	104												800		
0.15	154											800			
0.22	224				800							600			
0.33	334				600							800	500		
0.47	474				500							800	600	400	
0.68	684			800								600	400		
1.0	105			600				800	500	800	400				
1.5	155			500				600	400	600	300				
2.2	225	800						500	250	500					
3.3	335	600								350					
4.7	475														
6.8	685														
10.0	106														