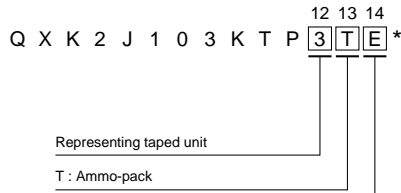


Taped Capacitors for Automatic Insertion Systems

■ Type numbering system

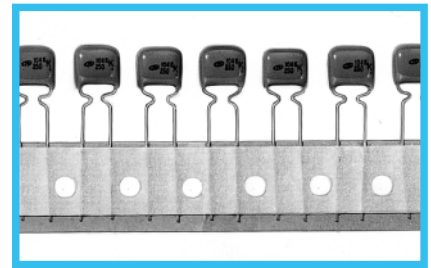


Code	Taping Style	Lead-to-lead distance (F)	Pitch of component (P)
A	A	5.0	12.7
L	L	5.0	15.0
M	M	5.0	25.4
E	E	7.5	15.0
R	R	7.5	30.0

*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

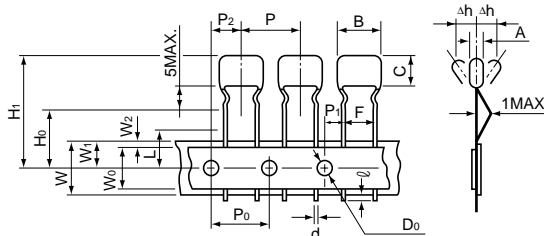
Item	Symbol	Dimensions (mm)					
		A	L	M	E	R	Tolerance
Pitch of component	P	12.7	15.0	25.4	15.0	30.0	± 1.0
Feed hole pitch	P0*	12.7	15.0	25.4	15.0	30.0	± 0.3
Feed hole pitch	P'0*	-	-	12.7	-	15.0	± 0.3
Distance between hole and lead wire	P1	3.85	5.0	3.85	3.75	3.75	± 0.7
Distance between hole and component	P2	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 ^{+1.0} / _{-0.5}
Hold-down tape width	W0						12.5 MIN.
Slip out of hole	W1						9.0 ± 0.5
Slip out of hold-down tape	W2						3.0 MAX.
Lead-wire clinch height	H0						16.0 ± 0.5
Length of cut lead	ℓ						2.0 MAX.
Feed hole diameter	D0						4.0 ± 0.2
Total tape thickness	t						0.7 ± 0.2
Cut length of rejected component	L						11.0 MAX.
Upper side position	H1						H0 + 5 + C

Remarks * : No feed hole omission is allowed.

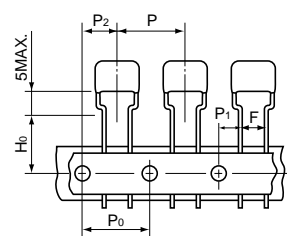
- Note
- 1) Measuring positions for P₁, F, and H₀ shall be at the lower part of lead wire clinch.
 - 2) Consecutive omissions due to rejected components shall be allowed up to 1 piece, provided that the first one after turn-up shall be with no taping and not be counted among the omission numbers.
 - 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

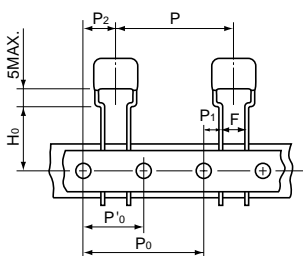
Style A (Code : A)



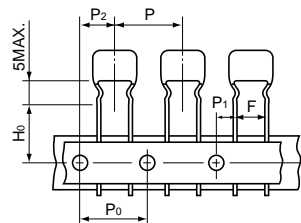
Style L (Code : L)



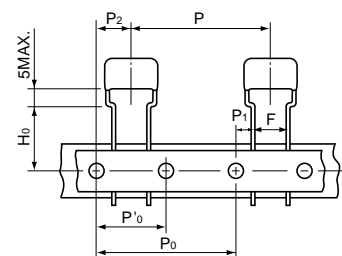
Style M (Code : M)



Style E (Code : E)



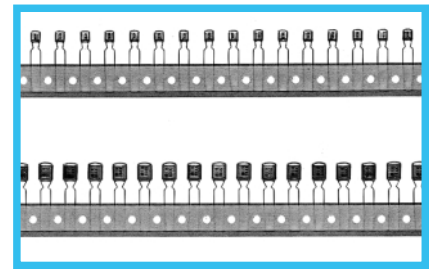
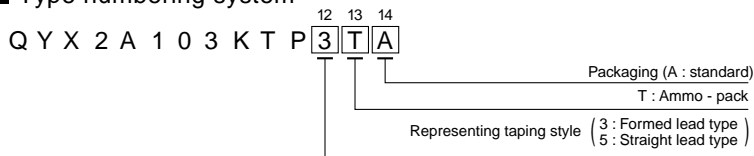
Style R (Code : R)



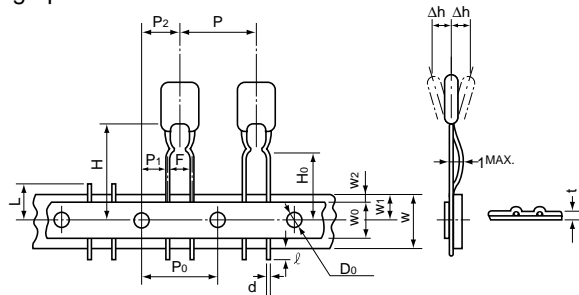
The order quantity must be in multiples of the base quantity.

Taped Capacitors for Automatic Insertion Systems (YX, YS, YP series)

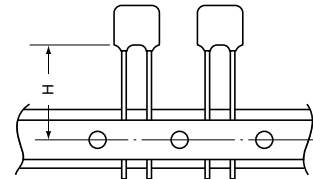
Type numbering system



Taping specifications



Formed lead type



Straight lead type

Dimensions

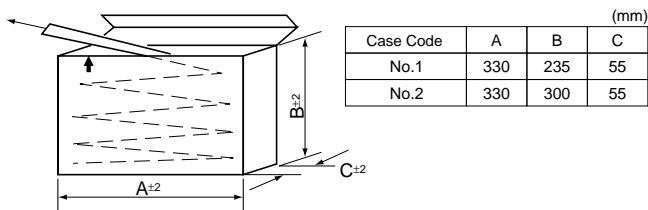
Item	Symbol	Dimensions (mm)	
		Dimensions	Dimensions
Pitch of component	P	12.7	± 1.0
Feed hole pitch	P ₀	12.7	± 0.3
Distance between hole and lead wire	P ₁	3.85	± 0.7
Distance between hole and component	P ₂	6.35	± 1.3
Lead-to-lead distance	F	5.0	+0.8 -0.2
Tilt of component	Δh	0	± 2.0
Tape width	W	18.0	+1.0 -0.5
Hold down tape width	W ₀	15.0	+0.5 -2.5
Slip out of hole	W ₁	9.0	± 0.5

Item	Symbol	Dimensions (mm)	
		Dimensions	Tolerance
Slip out of hold down tape	W ₂	2.5	MAX.
Height of component from tape center	* H	20.0 (16.0)	± 0.75
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.
Lead wire diameter	φd	0.5	± 0.05

* Straight lead type is available only for 5mm lead pitch on "YX" series, and "H" dimension will be 16mm.

Packaging

Ammo-pack



Series	Cap.range (μF)	Q'ty/Case (pcs.)	Case code
YX (50V)	0.001 to 0.0015	2,000	1
	0.0022 to 0.022	2,000	2
	0.033 to 0.068	1,000	1
	0.1 to 0.22	1,000	2
YX (100V)	0.001 to 0.0068	2,000	1
	0.01 to 0.022	2,000	2
	0.033 to 0.068	1,000	1
	0.1	1,000	2

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

