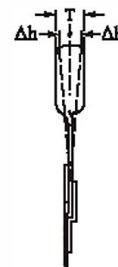
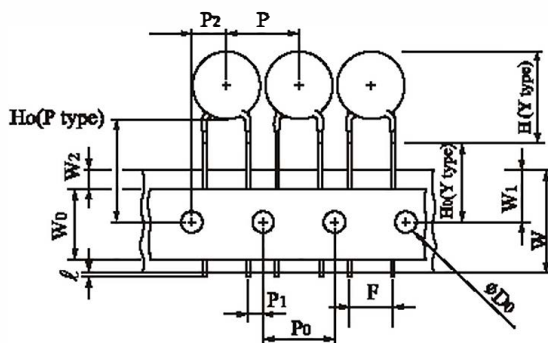


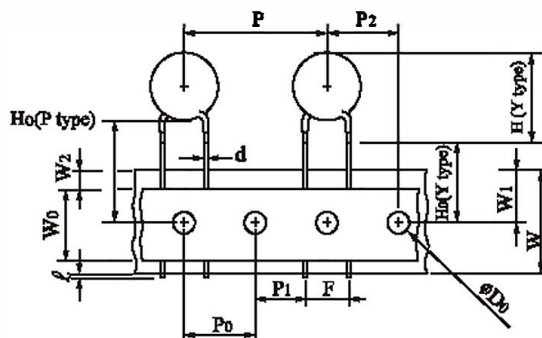


Tape and Reel Dimensions

1/2" pitch



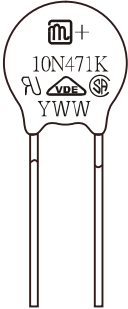
1.0" pitch



Symbols	Item	5 / 7 mm	10 / 14 mm	20 mm
ℓ	Cut out length	1.1 mm max.	1.1 mm max.	
H (Y type)	Height of Top	See H max. table		
H ₀ (Y type)	Height to seating plane	16.0±0.5 mm(*±1.0 mm)	16.0±0.5 mm(*±1.0 mm)	
H ₀ (P type)	Height of component from hole center	16.0~21.0 mm	16.0~21.0 mm	
Δh	Front to back deviation	0 ± 2.0 mm	0 ± 2.0 mm	
W	Carrier tape width	18.0 $\begin{smallmatrix} +1.0 \\ -0.5 \end{smallmatrix}$ mm	18.0 $\begin{smallmatrix} +1.0 \\ -0.5 \end{smallmatrix}$ mm	
W ₀	Hold down tape width	10.0 mm	12.0 mm	
W ₁	Sprocket hole position	9.0 $\begin{smallmatrix} +0.75 \\ -0.5 \end{smallmatrix}$ mm	9.0 $\begin{smallmatrix} +0.75 \\ -0.5 \end{smallmatrix}$ mm	
W ₂	Adhesive tape position	3.0 mm max.	3.0 mm max.	
F	Component lead spacing	5.0 $\begin{smallmatrix} +0.8 \\ -0.2 \end{smallmatrix}$ mm	7.5 $\begin{smallmatrix} +0.8 \\ -0.2 \end{smallmatrix}$ mm	10.0 $\begin{smallmatrix} +0.8 \\ -0.2 \end{smallmatrix}$ mm
P	Pitch of component	12.7 ± 1.0 mm	25.4 ± 1.0 mm	
P ₀	Sprocket hole pitch	12.7 ± 0.3 mm	12.7 ± 0.3 mm	
P ₁	Lead length from hole center to lead	3.85 ± 0.7 mm	8.95 ± 0.7 mm	7.7 ± 0.7 mm
P ₂	Length from hole center to disk center	6.35 ± 1.3 mm	12.7 ± 1.3 mm	
D ₀	Sprocket hole diameter	4.0 ± 0.2 mm	4.0 ± 0.2 mm	
d	Lead wire diameter	0.6 ± 0.05 mm	0.8 ± 0.05 mm	1.0 ± 0.05 mm
T	Disk thickness	See T max. table	See T max. table	
t ₁	Total thickness tape	0.7 ± 0.05 mm	0.7 ± 0.05 mm	
t ₂	Total thickness	1.6 mm max.	1.8 mm max.	

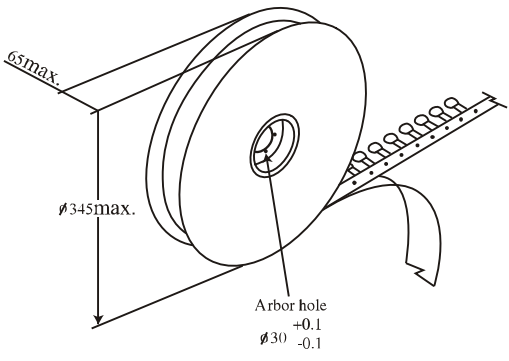
* for manual line

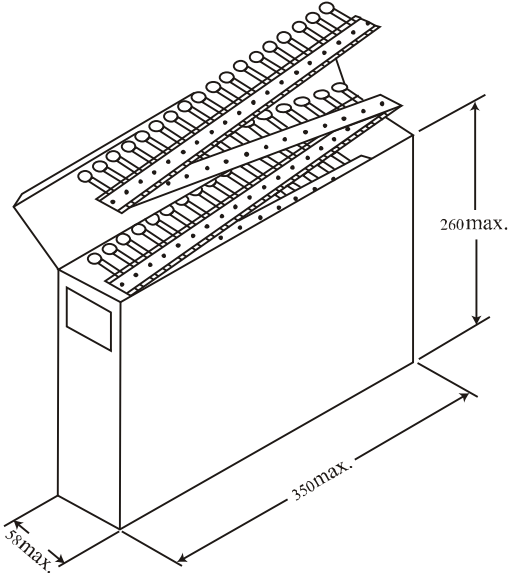
MARKING



⊞+ : Taiwan Joyin
⊞* : Dongguan Joyin
YWW : Date code
Y : Year
WW : Week

PACKAGING





in mm

Quantity per Packing Unit

Part No.	Series	in Pcs														
		5mm			7mm			10mm			14mm			20mm		
		Bulk (box)	Reel	Ammo	Bulk (box)	Reel	Ammo	Bulk (box)	Reel	Ammo	Bulk (box)	Reel	Ammo	Bulk (box)	Reel	Ammo
180M~470K		5000	1500	1500	5000	1500	1500	2500	1000	500	1500	750	500	750	500	500
560K~680K		5000	1500	1000	5000	1500	1000	2500	1000	500	1500	750	500	750	500	500
820K~391K		5000	1500	1500	5000	1500	1500	2500	1000	500	1500	750	500	750	500	500
431K~471K		5000	1500	1000	5000	1000	1000	2000	750	500	1500	750	500	750	500	500
511K~821K		4000	1000	1000	4000	1000	1000	1500	500	500	750	500	500	450	500	500
911K-122K		-	-	-	-	-	-	1500	500	350	750	500	350	450	-	-
142K-182K		-	-	-	-	-	-	750	-	-	450	-	-	300	-	-

Packaging	Bulk (box)	Reel	Reel (14mm, 20mm)	Ammo (5mm, 7mm)	Ammo (10mm, 14mm)	Ammo (20mm)
Box size (mm)	290x155x110	350x350x105	346x346x72	335x245x43	347x246x50	348x255x60
Carton size (mm)	328x310x250	370x370x590	370x370x468	515x354x258	515x364x246	535x365x275
One carton with	4 Boxes	5 Boxes (10 reels)	6 Boxes(6 reels)	10 Boxes	8 Boxes	8 Boxes