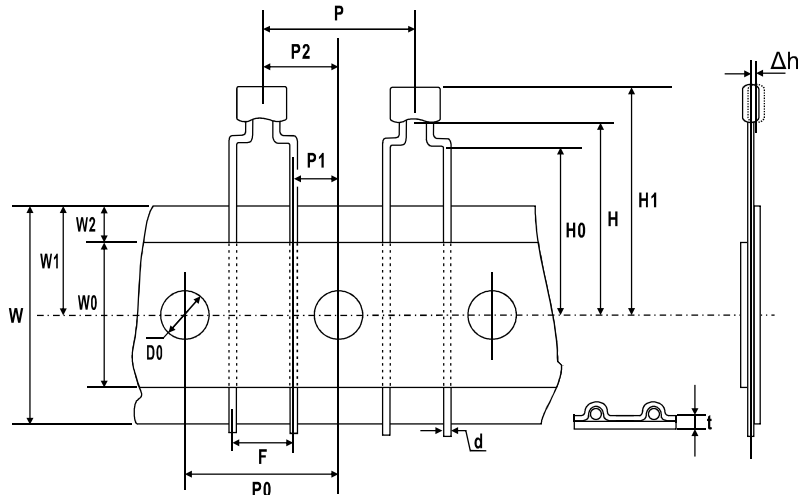


# Multilayer ceramic capacitors



## Radial and axial type

### ● Taping Specifications and Dimensions by Radial Type



Description	Symbol	Dimensions (mm)	Remark
Pitch of component	P	$12.7 \pm 0.1$	Cumulative pitch error $\pm 1.0\text{mm}/20\text{pitch}$ .
Feed hold pitch	P0	$12.7 \pm 0.3$	
Feed hold center to lead	P1	$3.85 \pm 0.7$	
Feed hold center to component center	P2	$6.35 \pm 1.3$	
Lead to lead spacing	F	$5.0 + 0.8/-0.2$ or $2.5 + 0.8/-0.2$	To lead tip within tolerance.
Component alignment, F-R	$\Delta h$	2.0 max.	The alignment from the center of the lead is $\pm 1.0\text{mm}$ .
Tape width	W	$18.0 + 1.0/-0.5$	
Adhesive tape width	W0	11.0 min.	
Hole position	W1	$9.0 \pm 0.5$	
Adhesive tape position	W2	3.0 max.	Adhesive tape must not protrude from base paper.
Height of bottom body from tape center	H	$18.0 + 2.0/-0$	$H + 12.5\text{ mm} \leq H1$
Lead-wire clinch height	H0	$16.0 \pm 0.5$ or $18.0 \pm 0.5$	$6.5 \leq H0 - W1$
Component height	H1	32.25 max.	
Feed hold diameter	D0	$4.0 \pm 0.3$	
Total tape thickness	T	$0.7 \pm 0.2$	

### ● Packaging Style by Type

AMMO Packaging		Unit: mm			
		Type	W	L	H
		Axial	$258 \pm 5$	$72 \pm 5$	$81 \pm 5$
		Radial	340 max	280 max	52 max

Reel Packaging		Unit: mm				
		Type	A	B	C	W
		Axial	$300 \pm 2$	60 max	$15 \pm 1.5$	$70 \pm 1.5$
		Radial	360 max	$76 + 0.5/-0$	$30 + 1/-0$	$45 + 0/-1$