

### INTRODUCTION

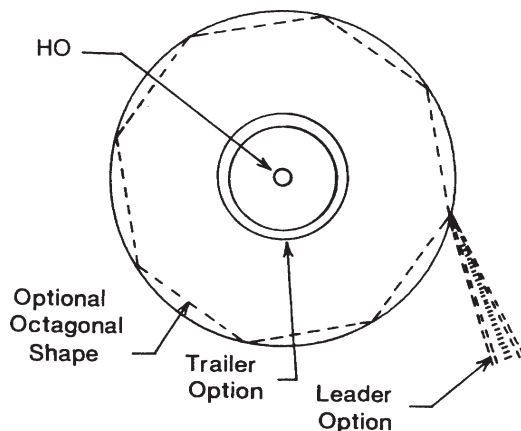
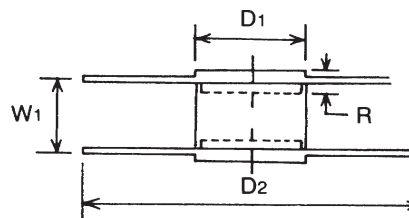
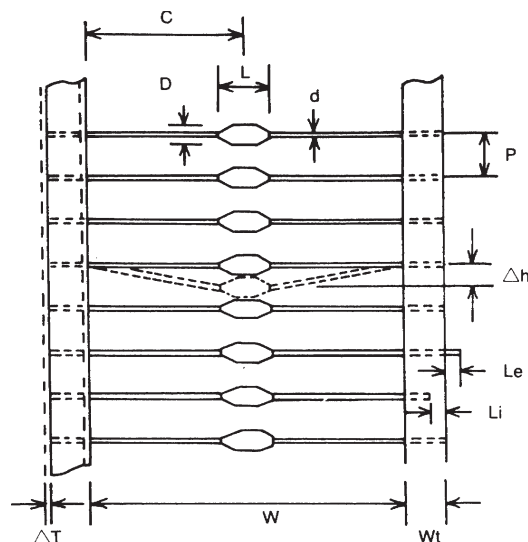
Axial Leaded Multilayer Ceramic Capacitors are made with a superior epoxy coating for moisture and mechanical protection. The small size is suitable for a wide range of applications, including: data processing, telecommunications, instrumentation, and industrial controls.

Same Features and Characteristics as the Radial Leaded Multilayered Capacitor.

### DIMENSIONS

Tape Spec.	Symbol	Dimension (mm)
Pitch of component	P	5.08±0.51
Cumulative Tolerance of P Over 6 Consecutive Units.		±0.15
Tape Width	Wt	6.0±1.0
Lead Wire Protrusion	Le	1.0 max
Lead Extension into Tape	Li	1.5 max
Offset Between Tapes	ΔT	0.8 max
Width Between Tapes	W	52.4±1.5
Lead Diameter	d	0.483

Reel Spec.	Symbol	Dimension (mm)
Centered	C	±0.76
Core Diameter	D1	34.9-92.1 Standard 82
Reel Diameter	D2	360 max Standard 340
Core Width	W1	67(+1.5, -0)
Recess Depth	R	9.5 min. Standard 16
Arbor Hole	H0	13.89-38.10 Standard 17
Deflection from Nominal Position	Δh	1.2 max



### SIZE CODE (mm) AND CAPACITANCE RANGE (pF)

Size Code	Length L(max)	Diameter D(max)	WVDC	COG/NPO (CG)	X7R (XR)	Z5U (ZU)	Y5V (YV)
AD10	4.32	2.54	50V	0.5 ~ 3,300	220~2,200,000	10,000 ~ 3,300,000	10,000 ~ 4,700,000
			100V	0.5 ~ 3,300	220~2,200,000	10,000 ~ 3,300,000	

### PART NUMBER EXAMPLE

**AD 10 XR 104 K 500 R**