

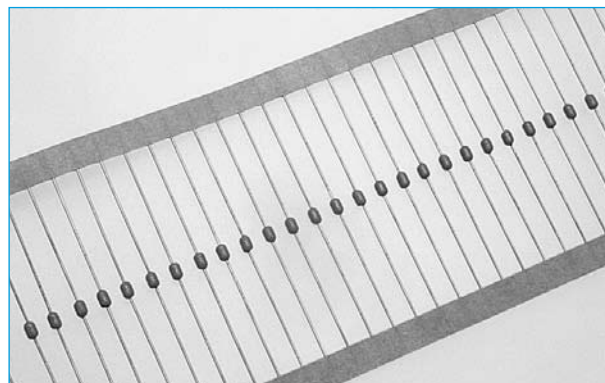
CAPACITORS

CERAMIC MULTI-LAYER AXIAL DA

- NPO, X7R & Z5U dielectric
- 10pF to 330nF
- Enhanced environmental protection coating
- Lead plating 100% matte Sn
- 50V, 100V, 200V rated voltage
- External epoxy coated body UL94V-0
- Tape/ammo packing

The DA is a multi-layer ceramic capacitor range offering a wide range of values in small body sizes. The taped axial style allows for high-speed auto-insertion.

Typical applications are in data-comms and other digital circuits.



SECTION 1

SPECIFICATION

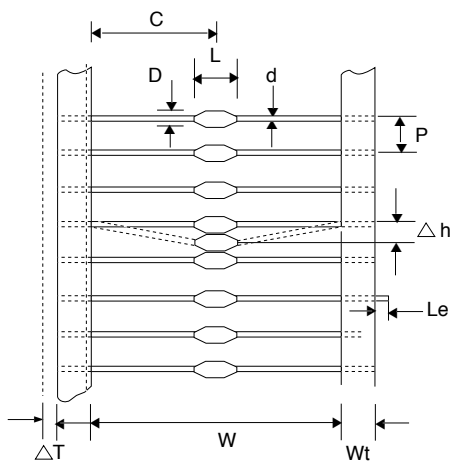
Temperature	-55 to +125°C (+10 to +85°C for Z5U)
Temperature Coefficient	NPO: Zero ± 30 ppm/°C X7R: $\pm 15\%$ max Z5U + 22%, -56%

SIZE CODE & CAPACITANCE (pF) AVAIL.

Size Code	Length L	Diameter D	WVDC	COG	X7R	Z5U
DA 01	4.32	2.54	50V	-	470-100000	10000
	4.32	2.54	100V	10-1000	-	-
DA 11X	4.32	3.05	50V	-	47000-100000	330000-470000

OUTLINE DRAWING

All dimensions are in mm.



DIMENSIONS (mm)

Item	Symbol	Dimensions
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	zero
Offset between Tapes	ΔT	0.8 max.
Width between Tapes	W	52.4 ± 1.5
Centred	C	± 0.76
Deflection from Nominal Position	Δh	1.2 max.

Please note: Other case/capacitance variants are available on request.

ORDERING INFORMATION

DA	U	01	R	103	M/TA
Type	Voltage U = 50V A = 100V F = 200V	Case size	Dielectric C = COG R = X7R W = Z5U	Value	Tol Pack J = 5% K = 10% M = 20%

All parts supplied in Tape, ammo or reels.



RS24077