

MULTILAYER
CERAMIC LEADED
CAPACITORS

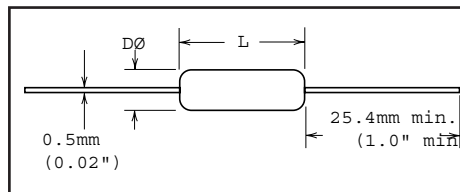
Introduction:

Axial Epoxy coated multilayer ceramic capacitors available in popular COG(NPO), X7R and Z5U dielectrics. Ideal for industrial and general purpose electronics applications. These capacitors are available in both Bulk and Tape & Reel packing for automatic insertion.

Series Specifications:

	NPO	X7R	Z5U
Temperature Range in °C:	-55 to +125	-55 to +125	+10 to +85
Dissipation Factor % @25°C & 1KHz:	0.25 max	2.5 max	3.0 max
Insulation Resistance @ 25°C : (minimum of)	1 G Ohm or 100 Ohm F	1 G Ohm or 100 Ohm F	1 G Ohm or 100 Ohm F

Axial Leaded SERIES



Axial Series ANPO

Rated Voltage V DC	Dielectric	Temperature Coefficient	Capacitance		Dimensions	
			Range pF	Tolerance	L max.	D max.
50	COG (NPO)	±30 ppm / °C	10 to 750	J(±5%), K(±10%)	5.0 mm 0.200"	3.0 mm 0.120"

Axial Series AX7R

Rated Voltage V DC	Dielectric	Temperature Coefficient	Capacitance		Dimensions	
			Range pF	Tolerance	L max.	D max.
50	X7R	±15%	560 to 15000	K(±10%), M(±20%)	5.0 mm 0.200"	3.0 mm 0.120"

Axial Series AZ5U

Rated Voltage V DC	Dielectric	Temperature Coefficient	Capacitance		Dimensions	
			Range pF	Tolerance	L max.	D max.
50	Z5U	+22 to -56%	1000 to 100000	M(±20%) Z(-20 to +80%)	5.0 mm 0.200"	3.0 mm 0.120"

PART NUMBERING

