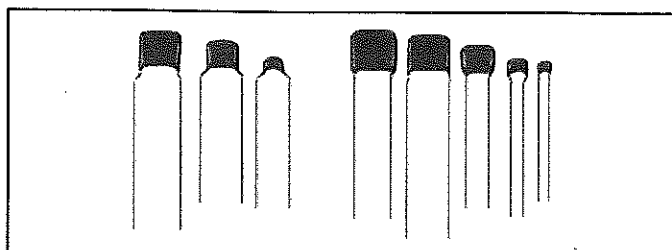




Ceramic Capacitors

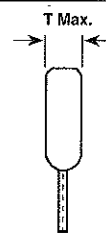
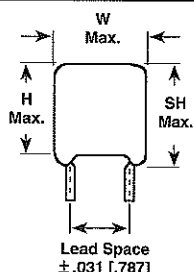
Monolithic[®], Conformal-Coated, Radial Lead



FEATURES

- EIA characteristics C0G, X7R, Z5U
- Capacitance range 10pF to 4.7 μ F
- Voltage ratings 50 WVDC to 100 WVDC
- Wide choice of lead spacing

DIMENSIONAL CONFIGURATIONS [Numbers in brackets indicate millimeters]



Drawing for dimensional purposes only. Exact outline and lead form may vary depending on size and lead spacing.

TYPE	W (Max.)	H (Max.)	T (Max.)	LEAD SIZE		LEAD SPACING (S)					
				AWG NO.	DIA.	.10 [2.54]	.20 [5.08]	.25 [6.35]	.30 [7.62]	.37 [9.40]	.40 [10.16]
9C	.138 [3.505]	.120 [3.048]	.100 [2.540]	26	.016 [.406]	X	—	—	—	—	—
1C	.200 [5.080]	.250 [6.350]	.125 [3.175]	24	.020 [.508]	X	X	X	X	—	—
2C	.300 [7.620]	.300 [7.620]	.157 [3.988]	24	.020 [.508]	—	X	X	X	X	X
3C	.400 [10.160]	.400 [10.160]	.157 [3.988]	24	.020 [.508]	—	X	X	X	X	X
5C	.500 [12.700]	.500 [12.700]	.200 [5.080]	24	.020 [.508]	—	X	X	X	X	X

HOW TO ORDER

1C TYPE	10 LEAD SPACING CODE	Z5U EIA TEMPERATURE CHARACTERISTIC	104 CAPACITANCE CODE	M CAPACITANCE TOLERANCE	050 DC VOLTAGE RATING	B LEAD LENGTH*
See Dimensional Configurations.	See Dimensional Configurations.		This is expressed in picofarads. The first two digits are the significant figures. The third is the number of zeros to follow.		This is expressed in volts. To complete the three-digit block, zeros precede the voltage rating.	B = Bulk R = Tape and Reel * 1.0 [25.4] minimum lead length.
		CODE	TEMPERATURE RANGE	MAX. CAP. CHANGE OVER TEMP. RANGE		
		Z5U	+ 10°C to + 85°C	- 56%, + 22%		
		X7R	- 55°C to + 125°C	± 15%		
		C0G	- 55°C to + 125°C	0 ± 30PPM/°C		
				EIA CODE	TOLERANCE	AVAILABLE IN EIA CHARACTERISTIC
				J	± 5%	C0G
				K	± 10%	X7R
				M	± 20%	Z5U