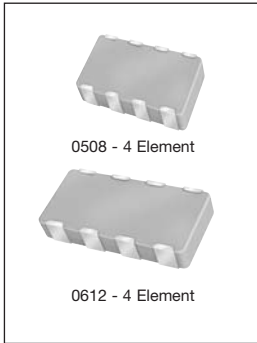


Automotive Capacitor Arrays

AEC-Q200 Series NP0/COG and X7R Dielectric



As the market leader in the development and manufacture of capacitor arrays AVX is pleased to offer a range of AEC-Q200 qualified arrays to compliment our product offering to the Automotive industry. Both the AVX 0612 and 0508 4-element capacitor array styles are qualified to the AEC-Q200 automotive specifications.

AEC-Q200 is the Automotive Industry qualification standard and a detailed qualification package is available on request.

All AVX automotive capacitor array production facilities are certified to ISO/TS 16949:2002.

Check for up-to-date CV Tables at <http://www.avx.com/docs/catalogs/caparray.pdf>

HOW TO ORDER

W	3	A	4	Y	C	104	K	4	T	2A
Style	Case Size	Array	Number of Caps	Voltage	Dielectric	Capacitance Code (In pF)	Capacitance Tolerance	Failure Rate	Terminations	Packaging & Quantity Code
	2 = 0508 3 = 0612			6 = 6.3V Z = 10V Y = 16V 3 = 25V 5 = 50V 1 = 100V	A = NP0 C = X7R	Significant Digits + Number of Zeros e.g. 10µF=106	*J = ±5% *K = ±10% M = ±20%	4 = Automotive	T = Plated Ni and Sn** Z = FLEXITERM™** B = 5% min lead X = FLEXITERM™ with 5% min lead	2A = 7" Reel (4000) 4A = 13" Reel (10000) 2F = 7" Reel (1000)

**RoHS compliant

*Contact factory for availability by part number for K = ±10% and J = ±5% tolerance.

NP0/COG

SIZE	0508					0612				
	2		4			4				
No. of Elements	WVDC									
1R0 1R2 1R5	100	16	25	50	100	16	25	50	100	100
1R8 2R2 2R7										
3R3 3R9 4R7										
5R6 6R8 8R2										
100 120 150										
180 220 270										
330 390 470										
560 680 820										
101 121 151										
181 221 271										
331 391 471										
561 681 821										
102 122 152										
182 222 272										
332 392 472										
562 682 822										

X7R

SIZE	0508					0508					0612				
	2		4			4					4				
No. of Elements	WVDC														
101 121 151	16	25	50	100	16	25	50	100	10	16	25	50	100		
181 221 271															
331 391 471															
561 681 821															
102 122 152															
182 222 272															
332 392 472															
562 682 822															
103 123 153															
183 223 273															
333 393 473															
563 683 823															
104 124 154															

= X7R

= NP0/COG

