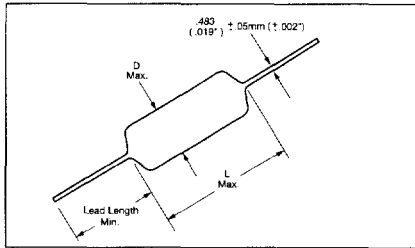
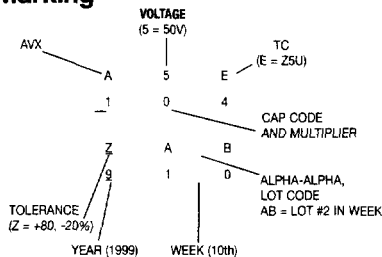


SA Series



Marking



Standard Packaging

	TAPE & REEL 14"	AMMO
SA05	7,500	4,000
SA10	7,500	4,000
SA11	5,000	2,000
SA20	5,000	4,000
SA30	5,000	2,000
SA40	5,000	2,000

Dimensions: millimeters (inches)

AVX Style	SA05	SA10	SA11	SA20	SA30	SA40
Length (L)	3.00 (0.118)	4.32 (0.170)	4.32 (0.170)	6.60 (0.260)	7.37 (0.290)	10.16 (0.400)
Diameter (D)	2.30 (0.090)	2.54 (0.100)	3.05 (0.120)	2.54 (0.100)	3.81 (0.150)	3.81 (0.150)
Lead Diameter	.483 (0.019)	.483 (0.019)	.483 (0.019)	.483 (0.019)	.483 (0.019)	.483 (0.019)
Lead Length	25.4 (1.000)	25.4 (1.000)	25.4 (1.000)	25.4 (1.000)	25.4 (1.000)	25.4 (1.000)

Capacitance Range

Size	Capacitance Range	NP0			X7R			Z5U	
		50V	100V	200V	50V	100V	200V	50V	100V
SA05	Min.	—	150pF	1.0pF	8200pF	560pF	220pF	0.01μF	—
	Max.	—	560pF	120pF	.018μF	6800pF	470pF	0.1μF	—
SA10	Min.	1000pF	150pF	1.0pF	8200pF	560pF	220pF	.01μF	.01μF
	Max.	1200pF	1000pF	120pF	0.1μF	.015μF	.01μF	.22μF	.047μF
SA11	Min.	1800pF	1000pF	—	.047μF	.018μF	—	.22μF	.1μF
	Max.	3900pF	2700pF	—	0.1μF	.039μF	—	.47μF	.1μF
SA20	Min.	1800pF	1000pF	—	.027μF	8200pF	—	.047μF	.033μF
	Max.	3300pF	1800pF	—	0.1μF	.033μF	—	.22μF	.047μF
SA30	Min.	4700pF	1800pF	—	.056μF	.022μF	—	.47μF	.068μF
	Max.	5600pF	3900pF	—	.33μF	0.1μF	—	1.0μF	.33μF
SA40	Min.	8200pF	4700pF	—	.33μF	.12μF	—	—	.15μF
	Max.	.012μF	8200pF	—	.47μF	.18μF	—	—	.47μF

HOW TO ORDER

SA10 5 E 104 Z A A

① ② ③ ④ ⑤ ⑥ ⑦

① AVX Styles and Sizes:

SA05, SA10, SA11, SA20, SA30, SA40

② Voltages: 50V=5, 100V=1, 200V=2

③ Dielectric: NP0=A, X7R=C, Z5U=E

④ Capacitance Code

⑤ Capacitance Tolerance:

NP0: C=±0.25pF, D=±.5pF, F=±1%,

G=±2%, J=±5%, K=±10%

X7R: J=±5%, K=±10%, M=±20%

Z5U: M=±20%, Z=+80%, -20%

⑥ Failure Rate: A = Not Applicable, T = CECC Release

⑦ Packaging:

A = Standard Reels

B = 1000 piece reels (distributors only, tight tolerance only)

C = AMMO Pack

D thru J = See Special Lead Configurations

L = Twin Coat Leads (95/5 Flash Tin/Lead)

M = 26mm tape and reel

N = 26mm ammo pack