

SIZE AND CAPACITANCE SPECIFICATIONS

EIA Characteristic		Dimensions: Millimeters (Inches)																										
AVX Style		SR15			SR20			SR21			SR22			SR27			SR30		SR40		SR50							
AVX "Insertable"		SR07			SR29			SR59			N/A			N/A			SR65		SR75		N/A							
Width (W)		3.81			5.08			5.08			5.08			5.08			6.604			7.62			10.16			12.70		
Height (H)		3.81			5.08			5.08			5.08			5.08			6.35			7.62			10.16			12.70		
Thickness (T)		2.54			3.175			3.175			3.175			3.175			4.06			3.81			3.81			5.08		
Lead Spacing (L.S.)		2.54			2.54			5.08			6.35			7.62			5.08			5.08			5.08			10.16		
Lead Diameter (L.D.)		.508			.508			.508			.508			.508			.508			.508			.508			.635		
Cap. in.* Industry Preferred pF	Values in Blue	WVDC			WVDC			WVDC			WVDC			WVDC			WVDC		WVDC		WVDC							
		200	100	50	200	100	50	200	100	50	200	100	50	200	100	50	100	50	100	50	100	50	100	50	100	50		
1.0-9.9	SR151A1R0DAA																											
10	SR151A100KAA																											
15	SR.....A150KAA																											
22	SR.....A220KAA																											
33	SR.....A330KAA																											
39	SR.....A390KAA																											
47	SR.....A470KAA																											
68	SR.....A680KAA																											
100	SR151A101KAA																											
150	SR.....A151KAA																											
220	SR.....A221KAA																											
330	SR.....A331KAA																											
390	SR.....A391KAA																											
470	SR.....A471KAA																											
680	SR.....A681KAA																											
1000	SR211A102KAA																											
1500	SR.....A152KAA																											
2200	SR.....A222KAA																											
3900	SR.....A392KAA																											
4700	SR.....A472KAA																											
6800	SR.....A682KAA																											
8200	SR.....A822KAA																											
10,000	SR305A103KAA																											
15,000	SR.....A153KAA																											
22,000	SR.....A223KAA																											
33,000	SR.....A333KAA																											
39,000	SR.....A393KAA																											
47,000	SR.....A473KAA																											
68,000	SR.....A683KAA																											
100,000	SR.....A104KAA																											

For other styles, voltages, tolerances and lead lengths see Part No. Codes or contact factory.

*Other capacitance values available upon special request.

= Industry preferred values
 = SR20 only

NOTE: Capacitance Ranges available for SR12 same as SR15
 SR62 same as SR21
 SR64 same as SR30
 SR89 same as SR21

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AVX Style	SR15	SR20	SR21	SR22	SR27	SR30	SR40	SR50											
AVX "Insertable"	SR07	SR29	SR59	N/A	N/A	SR65	SR75	N/A											
Width (W)	3.81 (.150)	5.08 (.200)	5.08 (.200)	5.08 (.200)	6.604 (.260)	7.62 (.300)	10.16 (.400)	12.70 (.500)											
Height (H)	3.81 (.150)	5.08 (.200)	5.08 (.200)	5.08 (.200)	6.35 (.250)	7.62 (.300)	10.16 (.400)	12.70 (.500)											
Thickness (T)	2.54 (.100)	3.175 (.125)	3.175 (.125)	3.175 (.125)	4.06 (.160)	3.81 (.150)	3.81 (.150)	5.08 (.200)											
Lead Spacing (L.S.)	2.54 (.100)	2.54 (.100)	5.08 (.200)	6.35 (.250)	7.62 (.300)	5.08 (.200)	5.08 (.200)	10.16 (.400)											
Lead Diameter (L.D.)	.508 (.020)	.508 (.020)	.508 (.020)	.508 (.020)	.508 (.020)	.508 (.020)	.508 (.020)	.635 (.025)											
Cap. in.* pF	Industry Preferred Values in Blue	WVDC		WVDC		WVDC		WVDC		WVDC		WVDC		WVDC		WVDC			
		200	100	50	200	100	50	200	100	50	100	50	200	100	50	200	100	50	
470	SR.....C471KAA																		
1000	SR155C102KAA																		
1500	SR.....C152KAA																		
2200	SR.....C222KAA																		
3300	SR.....C332KAA																		
4700	SR.....C472KAA																		
6800	SR.....C682KAA																		
10,000	SR215C103KAA																		
15,000	SR.....C153KAA																		
22,000	SR.....C223KAA																		
33,000	SR.....C333KAA																		
47,000	SR.....C473KAA																		
68,000	SR.....C683KAA																		
100,000	SR215C104KAA																		
150,000	SR.....C154KAA																		
220,000	SR215C224KAA																		
330,000	SR.....C334KAA																		
390,000	SR.....C394KAA																		
470,000	SR305C474KAA																		
1.0 µF	SR305C105KAA																		
2.2 µF	SR405C225KAA																		
2.7 µF	SR505C275KAA																		
4.7 µF	SR505C475KAA																		

For other styles, voltages, tolerances and lead lengths see Part No. Codes or contact factory.

*Other capacitance values available upon special request.

- = Industry preferred values
- = SR20 only
- = Extended range
- = Extended range, SR20 only
- = Extended range with 0.150" thickness maximum

NOTE: Capacitance Ranges available for SR12 same as SR15
 SR62 same as SR21
 SR64 same as SR30
 SR89 same as SR21

Z5U Dielectric

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AVX "Insertable"	SR07	SR29	SR59	N/A	N/A	SR65	SR75	N/A
Width (W)	3.81 (.150)	5.08 (.200)	5.08 (.200)	5.08 (.200)	6.604 (.260)	7.62 (.300)	10.16 (.400)	12.70 (.500)
Height (H)	3.81 (.150)	5.08 (.200)	5.08 (.200)	5.08 (.200)	6.35 (.250)	7.62 (.300)	10.16 (.400)	12.70 (.500)
Thickness (T)	2.54 (.100)	3.175 (.125)	3.175 (.125)	3.175 (.125)	4.06 (.160)	3.81 (.150)	3.81 (.150)	5.08 (.200)
Lead Spacing (L.S.)	2.54 (.100)	2.54 (.100)	5.08 (.200)	6.35 (.250)	7.62 (.300)	5.08 (.200)	5.08 (.200)	10.16 (.400)
Lead Diameter (L.D.)	.508 (.020)	.508 (.020)	.508 (.020)	.508 (.020)	.508 (.020)	.508 (.020)	.508 (.020)	.635 (.025)
Cap. in.* Industry Preferred Values in Blue	WVDC 100 50	WVDC 100 50	WVDC 100 50	WVDC 100 50	WVDC 100 50	WVDC 100 50	WVDC 100 50	WVDC 100 50
10,000 47,000 100,000	SR15E103ZAA SR.....E473ZAA SR215E104ZAA							
150,000 220,000 330,000	SR.....E154ZAA SR215E224ZAA SR215E334ZAA							
470,000 680,000	SR215E474ZAA SR.....E684ZAA							
1.0 µF 1.5 µF 2.2 µF	SR.....105ZAA SR30E155ZAA SR30E225ZAA							
3.3 µF 4.7 µF	SR30E335ZAA SR30E475ZAA							

For other styles, voltages, tolerances and lead lengths see Part No. Codes or contact factory.

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AVX 500 VOLT SKYCAPS**

STYLE*	MAXIMUM CAPACITANCE VALUE	
	COG (NP0)	X7R
SR29	900 pF	.015 µF
SR20	1800 pF	.033 µF
SR28 SR59	900 pF	.015 µF
SR13 SR21	1800 pF	.033 µF
SR30 SR61 SR65	7200 pF	.12 µF
SR40 SR75	.015 µF	.27 µF
SR22	1800 pF	.033 µF
SR27	1800 pF	.033 µF
SR76	.015 µF	.27 µF
SR50	.036 µF	.59 µF

*Consult pages 22 and 23 for style sizes.

**Voltage rating based on DWV of 150% of rated voltage.