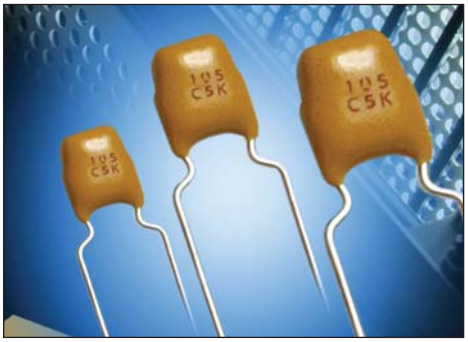
SR Series

SkyCap® Radial Conformal Coated NP0 Dielectric



AVX SR Series is a conformally coated radial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics standard. Alternative dielectrics are also available upon request. Voltages range from 50V to 500V, with lower voltages available as well.

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

HOW TO ORDER

SR21	5	A	104	F	A	R
AVX Style	**Voltage**	**Temperature Coefficient**	**Capacitance**	**Capacitance Tolerance**	**Failure Rate**	**Leads**
SR15 SR20 SR21 SR22 SR27 SR30 SR40 SR50	5 = 50V 1 = 100V 2 = 200V	A = C0G (NP0)	First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	C = ±.25pF D = ±.5pF F = ±1% (>50pF only) G = ±2% (>25pF only) J = ±5% K = ±10%	A = Not Applicable	R = RoHS

C0G (NP0) Dielectric

AVX Style		SR15			SR20			SR21			SR22			SR27			SR30		SR40		SR50	
AVX "Insertable"		SR07			SR29			SR59			N/A			N/A			SR65		SR75		N/A	
Cap. in.* pF	Industry Preferred Values in Blue	WVDC 200	100	50	WVDC 200	100	50	WVDC 200	100	50	WVDC 200	100	50	WVDC 200	100	50	WVDC 100	50	WVDC 100	50	WVDC 100	50
1.0-9.9	SR151A1R0DAR																					
10	SR151A100KAR																					
15	SR_____A150KAR																					
22	SR_____A220KAR																					
33	SR_____A330KAR																					
39	SR_____A390KAR																					
47	SR_____A470KAR																					
68	SR_____A680KAR																					
100	SR151A101KAR																					
150	SR_____A151KAR																					
220	SR_____A221KAR																					
330	SR_____A331KAR																					
390	SR_____A391KAR																					
470	SR_____A471KAR																					
680	SR_____A681KAR																					
1000	SR211A102KAR																					
1500	SR_____A152KAR																					
2200	SR_____A222KAR																					
3900	SR_____A392KAR																					
4700	SR_____A472KAR																					
6800	SR_____A682KAR																					
8200	SR-----A822KAR																					
10,000	SR305A103KAR																					
15,000	SR-----A153KAR																					
22,000	SR_____A223KAR																					
33,000	SR_____A333KAR																					
39,000	SR_____A393KAR																					
47,000	SR_____A473KAR																					
68,000	SR_____A683KAR																					
100,000	SR_____A104KAR																					

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

***Other capacitance values available upon special request.**

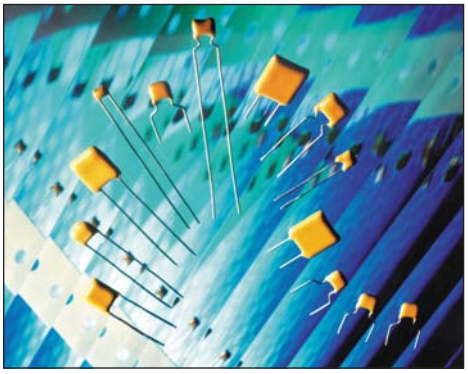
NOTE: Capacitance Ranges available for SR12 same as SR15
SR62 same as SR21
SR64 same as SR30
SR89 same as SR21

= Industry preferred values

= SR20 only

SR Series

SkyCap® Radial Conformal Coated X7R Dielectric



AVX SR Series is a conformally coated radial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics standard. Alternative dielectrics are also available upon request. Voltages range from 50V to 500V, with lower voltages available as well.

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

HOW TO ORDER

SR21	5	C	104	M	A	R
AVX Style	**Voltage**	**Temperature Coefficient**	**Capacitance**	**Capacitance Tolerance**	**Failure Rate**	**Leads**
SR15 SR20 SR21 SR22 SR27 SR30 SR40 SR50	5 = 50V 1 = 100V 2 = 200V	C = X7R	First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	J = ±5% K = ±10% M = ±20%	A = Not Applicable	R = RoHS

X7R Dielectric

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 200	100	50	WVDC 200	100	50	WVDC 200	100	50	WVDC 100	50	WVDC 100	50	WVDC 200	100	50	WVDC 200	100	50	WVDC 200	100	50
470	SR_____C471KAR																						
1000	SR155C102KAR																						
1500	SR_____C152KAR																						
2200	SR_____C222KAR																						
3300	SR_____C332KAR																						
4700	SR_____C472KAR																						
6800	SR_____C682KAR																						
10,000	SR215C103KAR																						
15,000	SR_____C153KAR																						
22,000	SR_____C223KAR																						
33,000	SR_____C333KAR																						
47,000	SR_____C473KAR																						
68,000	SR_____C683KAR																						
100,000	SR215C104KAR																						
150,000	SR_____C154KAR																						
220,000	SR215C224KAR																						
330,000	SR_____C334KAR																						
390,000	SR_____C394KAR																						
470,000	SR305C474KAR																						
1.0 µF	SR305C105KAR																						
2.2 µF	SR405C225KAR																						
2.7 µF	SR505C275KAR																						
4.7 µF	SR505C475KAR																						

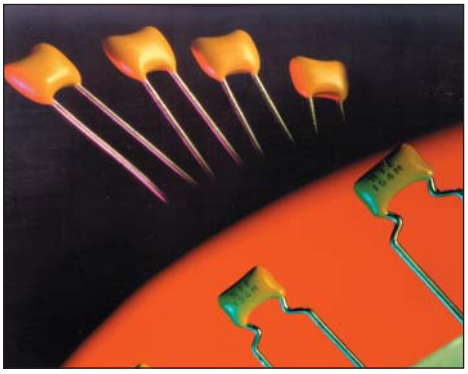
For other styles, voltages, tolerances and lead lengths see Part No. Codes or contact factory. ***Other capacitance values available upon special request.**

= 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

SR Series

SkyCap® Radial Conformal Coated Z5U Dielectric



AVX SR Series is a conformally coated radial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics standard. Alternative dielectrics are also available upon request. Voltages range from 50V to 500V, with lower voltages available as well.

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

HOW TO ORDER

SR21	5	E	104	M	A	R
AVX Style	**Voltage**	**Temperature Coefficient**	**Capacitance**	**Capacitance Tolerance**	**Failure Rate**	**Leads**
SR15 SR20 SR21 SR22 SR27 SR30 SR40 SR50	5 = 50V 1 = 100V	E = Z5U	First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	M = ±20% Z = +80% -20%	A = Not Applicable	R = RoHS

Z5U Dielectric

AVX Style		SR15		SR20		SR21		SR22		SR27		SR30		SR40		SR50	
AVX "Insertable"		SR07		SR29		SR59		N/A		N/A		SR65		SR75		N/A	
Cap. in.* pF	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	SR155E103ZAR SR_____E473ZAR SR215E104ZAR																
150,000 220,000 330,000	SR_____E154ZAR SR215E224ZAR SR215E334ZAR																
470,000 680,000	SR215E474ZAR SR_____E684ZAR																
1.0 µF 1.5 µF 2.2 µF	SR_____105ZAR SR30E155ZAR SR30E225ZAR																
3.3 µF 4.7 µF	SR30E335ZAR SR30E475ZAR																

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

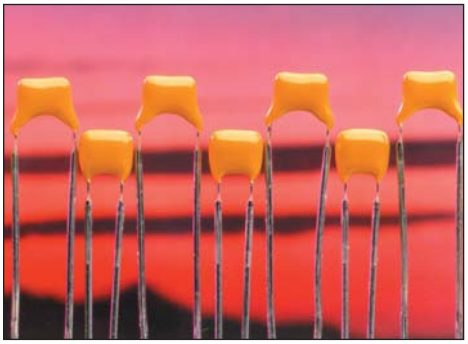
***Other capacitance values available upon special request.**

= Industry preferred values

= SR20 only

SL Series

SkyCap® Radial Conformal Coated NP0 Dielectric



AVX SL Series is a conformally coated radial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics standard. Alternative dielectrics are also available upon request. Voltages range from 50V to 500V, with lower voltages available as well.

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

HOW TO ORDER

SL21 | **5** | **A** | **104** | **F** | **A** | **B**

AVX Style
SL15
SL20
SL21
SL22
SL27
SL30
SL40
SL50

Voltage
5 = 50V
1 = 100V
2 = 200V

Temperature Coefficient
A = C0G (NP0)

Capacitance
First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)

Capacitance Tolerance
C = ±.25pF
D = ±.5pF
F = ±1% (>50pF only)
G = ±2% (>25pF only)
J = ±5%
K = ±10%

Failure Rate
A = Not Applicable

Leads
B = Tin/Lead

C0G (NP0) Dielectric

AVX Style		SL15			SL20			SL21			SL22			SL27			SL30		SL40		SL50	
AVX "Insertable"		SL07			SL29			SL59			N/A			N/A			SL65		SL75		N/A	
Cap. in.* pF	Industry Preferred Values in Blue	WVDC 200	100	50	WVDC 200	100	50	WVDC 200	100	50	WVDC 200	100	50	WVDC 200	100	50	WVDC 100	50	WVDC 100	50	WVDC 100	50
1.0-9.9	SL151A1R0DAB																					
10	SL151A100KAB																					
15	SL_____A150KAB																					
22	SL_____A220KAB																					
33	SL_____A330KAB																					
39	SL_____A390KAB																					
47	SL_____A470KAB																					
68	SL_____A680KAB																					
100	SL151A101KAB																					
150	SL_____A151KAB																					
220	SL_____A221KAB																					
330	SL_____A331KAB																					
390	SL_____A391KAB																					
470	SL_____A471KAB																					
680	SL_____A681KAB																					
1000	SL211A102KAB																					
1500	SL_____A152KAB																					
2200	SL_____A222KAB																					
3900	SL_____A392KAB																					
4700	SL_____A472KAB																					
6800	SL_____A682KAB																					
8200	SL-----A822KAB																					
10,000	SL305A103KAB																					
15,000	SL-----A153KAB																					
22,000	SL_____A223KAB																					
33,000	SL_____A333KAB																					
39,000	SL_____A393KAB																					
47,000	SL_____A473KAB																					
68,000	SL_____A683KAB																					
100,000	SL_____A104KAB																					

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

***Other capacitance values available upon special request.**

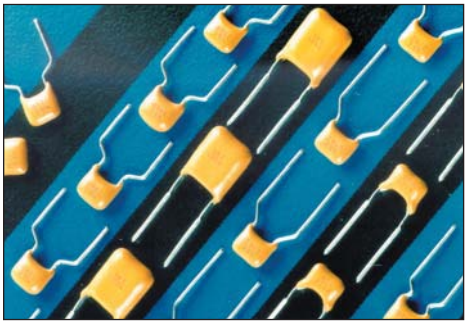
NOTE: Capacitance Ranges available for SL12 same as SL15
SL62 same as SL21
SL64 same as SL30
SL89 same as SL21

= Industry preferred values

= SL20 only

SL Series

SkyCap® Radial Conformal Coated X7R Dielectric



AVX SL Series is a conformally coated radial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics standard. Alternative dielectrics are also available upon request. Voltages range from 50V to 500V, with lower voltages available as well.

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

HOW TO ORDER

SL21	5	C	104	M	A	B
AVX Style	**Voltage**	**Temperature Coefficient**	**Capacitance**	**Capacitance Tolerance**	**Failure Rate**	**Leads**
SL15 SL20 SL21 SL22 SL27 SL30 SL40 SL50	5 = 50V 1 = 100V 2 = 200V	C = X7R	First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	J = ±5% K = ±10% M = ±20%	A = Not Applicable	B = Tin/Lead

X7R Dielectric

AVX Style	SL15	SL20	SL21	SL22	SL27	SL30	SL40	SL50
AVX "Insertable"	SL07	SL29	SL59	N/A	N/A	SL65	SL75	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 200	100	50	200	100	50	200	100	50	100	50	100	50	200	100	50	200	100	50	200	100	50
470	SL_____C471KAB																						
1000	SL155C102KAB																						
1500	SL_____C152KAB																						
2200	SL_____C222KAB																						
3300	SL_____C332KAB																						
4700	SL_____C472KAB																						
6800	SL_____C682KAB																						
10,000	SL215C103KAB																						
15,000	SL_____C153KAB																						
22,000	SL_____C223KAB																						
33,000	SL_____C333KAB																						
47,000	SL_____C473KAB																						
68,000	SL_____C683KAB																						
100,000	SL215C104KAB																						
150,000	SL_____C154KAB																						
220,000	SL215C224KAB																						
330,000	SL_____C334KAB																						
390,000	SL_____C394KAB																						
470,000	SL305C474KAB																						
1.0 µF	SL305C105KAB																						
2.2 µF	SL405C225KAB																						
2.7 µF	SL505C275KAB																						
4.7 µF	SL505C475KAB																						

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

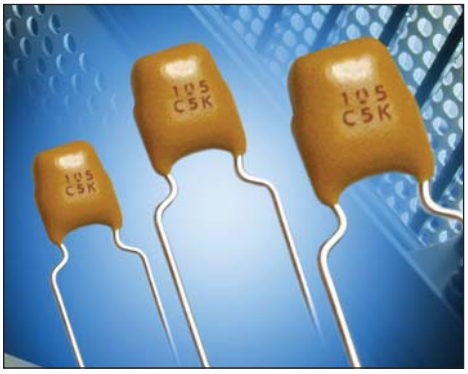
***Other capacitance values available upon special request.**

= Industry preferred values
= SL20 only
= Extended range
= Extended range, SL20 only
= Extended range with 0.150" thickness maximum

NOTE: Capacitance Ranges available for SL12 same as SL15
SL62 same as SL21
SL64 same as SL30
SL89 same as SL21

SL Series

SkyCap® Radial Conformal Coated Z5U Dielectric



AVX SL Series is a conformally coated radial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics standard. Alternative dielectrics are also available upon request. Voltages range from 50V to 500V, with lower voltages available as well.

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

HOW TO ORDER

SL21	5	E	104	M	A	B
AVX Style	**Voltage**	**Temperature Coefficient**	**Capacitance**	**Capacitance Tolerance**	**Failure Rate**	**Leads**
SL15 SL20 SL21 SL22 SL27 SL30 SL40 SL50	5 = 50V 1 = 100V	E = Z5U	First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	M = ±20% Z = +80% -20%	A = Not Applicable	B = Tin/Lead

Z5U Dielectric

AVX Style		SL15		SL20		SL21		SL22		SL27		SL30		SL40		SL50	
AVX "Insertable"		SL07		SL29		SL59		N/A		N/A		SL65		SL75		N/A	
Cap. in.* pF	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	SL155E103ZAB SL_____E473ZAB SL215E104ZAB																
150,000 220,000 330,000	SL_____E154ZAB SL215E224ZAB SL215E334ZAB																
470,000 680,000	SL215E474ZAB SL_____E684ZAB																
1.0 µF 1.5 µF 2.2 µF	SL_____105ZAB SL30E155ZAB SL30E225ZAB																
3.3 µF 4.7 µF	SL30E335ZAB SL30E475ZAB																

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

= SL20 only

AR Series (Automotive)

SkyCap® Radial Conformal Coated C0G (NP0) Dielectric

AVX AR Series is a conformally coated radial leaded capacitor. We offer NP0, X7R, and X8R dielectrics standard. Alternative dielectrics are also available upon request. Voltages range from 50V to 200V.

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

HOW TO ORDER

AR21 — **AVX Style**

5 — **Voltage**
5 = 50V
1 = 100V
2 = 200V

A — **Temperature Coefficient**
A = C0G (NP0)

100 — **Capacitance**
First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)

F — **Capacitance Tolerance**
C = ±.25pF
D = ±.5pF
F = ±1% (>50pF only)
G = ±2% (>25pF only)
J = ±5%
K = ±10%

4 — **Failure Rate**
4 = AEC-Q200

R — **Leads**
R = RoHS

C0G (NP0) Dielectric

EIA Characteristic — **Dimensions: Millimeters (Inches)**

AVX Style		AR15			AR20			AR21		
AVX "Insertable"		AR07			AR29			AR59		
Cap in pF	Industry Preferred Values in Blue	WVDC 200	100	50	WVDC 200	100	50	WVDC 200	100	50
1	AR-----A1R0D4R			■	■	■	■	■	■	■
10	AR_____A100K4R			■	■	■	■	■	■	■
15	AR-----A150K4R			■	■	■	■	■	■	■
22	AR-----A220K4R			■	■	■	■	■	■	■
33	AR-----A330K4R			■	■	■	■	■	■	■
39	AR-----A390K4R			■	■	■	■	■	■	■
47	AR-----A470K4R			■	■	■	■	■	■	■
68	AR-----A680K4R			■	■	■	■	■	■	■
100	AR_____A101K4R			■	■	■	■	■	■	■
150	AR-----A151K4R			■	■	■	■	■	■	■
220	AR-----A221K4R			■	■	■	■	■	■	■
330	AR-----A331K4R			■	■	■	■	■	■	■
390	AR-----A391K4R			■	■	■	■	■	■	■
470	AR-----A471K4R			■	■	■	■	■	■	■
680	AR-----A681K4R			■	■	■	■	■	■	■
1,000	AR_____A102K4R			■	■	■	■	■	■	■
1,500	AR-----A152K4R				■	■	■	■	■	■
2,200	AR-----A222K4R				■	■	■		■	■
3,900	AR-----A392K4R					■	■		■	■
4,700	AR_____A472K4R					■	■			■
6800	AR-----A682K4R						■			■
8200	AR-----A822K4R						■			■

Notes:
"Insertable" make reference to alternative AVX style using the same range of capacitance available on the matrix.
For others Styles, voltages, tolerance and lead lengths see Skycap catalog or contact factory.
Others capacitance values available upon special request.
Others styles available: AR12, AR14, AR62, AR89.

AR Series (Automotive)

SkyCap® Radial Conformal Coated X7R Dielectric

AVX AR Series is a conformally coated radial leaded capacitor. We offer NP0, X7R, and X8R dielectrics standard. Alternative dielectrics are also available upon request. Voltages range from 50V to 200V.

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

HOW TO ORDER

AR21	5	C	104	M	4	R
AVX Style	**Voltage** 5 = 50V 1 = 100V	**Temperature Coefficient** C = X7R	**Capacitance** First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	**Capacitance Tolerance** J = ±5% K = ±10% M = ±20%	**Failure Rate** 4 = AEC-Q200	**Leads** R = RoHS

X7R Dielectric

EIA Characteristic **Dimensions: Millimeters (Inches)**

	AVX Style	AR15		AR20		AR21		AR30		AR40	
	AVX "Insertable"	AR07		AR29		AR59		AR65		AR75	
Cap in pF	Industry Preferred Values in Blue	WVDC 100	50	WVDC 100	50	WVDC 100	50	WVDC 100	50	WVDC 100	50
470	AR-----C471K4R	■	■								
1000	AR-----C102K4R	■	■	■	■	■	■				
1500	AR-----C152K4R	■	■	■	■	■	■				
2200	AR-----C222K4R	■	■	■	■	■	■				
3300	AR-----C332K4R	■	■	■	■	■	■				
4700	AR-----C472K4R	■	■	■	■	■	■				
6800	AR-----C682K4R	■	■	■	■	■	■				
10,000	AR-----C103K4R	■	■	■	■	■	■				
15,000	AR-----C153K4R	■	■	■	■	■	■				
22,000	AR-----C223K4R	■	■	■	■	■	■				
33,000	AR-----C333K4R	■	■	■	■	■	■				
47,000	AR-----C473K4R	■	■	■	■	■	■				
68,000	AR-----C683K4R	■	■	■	■	■	■				
100,000	AR-----C104K4R	■	■	■	■	■	■				
150,000	AR-----C154K4R				■		■				
220,000	AR-----C224K4R				■		■				
330,000	AR-----C334K4R								■		
390,000	AR-----C394K4R								■		
470,000	AR-----C474K4R								■		
680,000	AR-----C684K4R								■	■	
1.0 uF	AR-----C105K4R								■	■	
4,700,000	AR-----C475K4R								■		
6,800,000	AR-----C685K4R										
10.0 uF	AR-----C106K4R										

Notes:
"Insertable" make reference to alternative AVX style using the same range of capacitance available on the matrix.
For others Styles, voltages, tolerance and lead lengths see Skycap catalog or contact factory.
Others capacitance values available upon special request.
Others styles available: AR12, AR14, AR62, AR89, AR32, AR38.

AR Series (Automotive)

SkyCap® Radial Conformal Coated X8R Dielectric

AVX AR Series is a conformally coated radial leaded capacitor. We offer NP0, X7R, and X8R dielectrics standard. Alternative dielectrics are also available upon request. Voltages range from 50V to 200V.

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

HOW TO ORDER

AR21	5	F	104	M	4	R
AVX Style	**Voltage** 5 = 50V 1 = 100V 2 = 200V	**Temperature Coefficient** F = X8R	**Capacitance** First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	**Capacitance Tolerance** J = ±5% K = ±10% M = ±20%	**Failure Rate** 4 = AEC-Q200	**Leads** R = RoHS

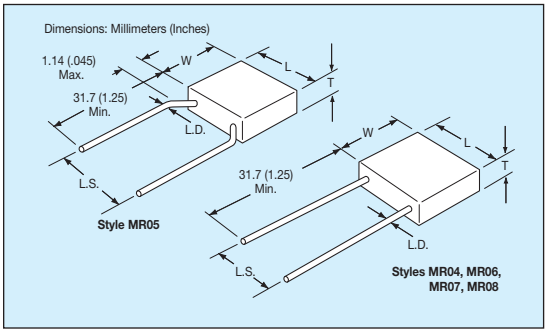
X8R Dielectric

EIA Characteristic **Dimensions: Millimeters (Inches)**

AVX Style		AR20			AR21		
AVX "Insertable"		AR29			AR59		
Cap in pF	Industry Preferred Values in Blue	WVDC 200	100	50	WVDC 200	100	50
1,000	AR_____F102K4R						
10,000	AR_____F103K4R						
100,000	AR_____F104K4R						
330,000	AR_____F334K4R						

Notes:
"Insertable" make reference to alternative AVX style using the same range of capacitance available on the matrix.
For others Styles, voltages, tolerance and lead lengths see Skycap catalog or contact factory.
Others capacitance values available upon special request.
Others styles available: AR14, AR62, AR89.

MR Series
Molded Radial MLCC NP0 Dielectric



AVX MR series is a molded radial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics. Voltage available are 50, 100, & 200 VDC. AVX also offers military grade molded radials per MIL-PRF-39014, MIL-C-11015, and MIL-PRF-20.

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

HOW TO ORDER

MR05	1	A	561	J	A	A
AVX Style	**Voltage**	**Dielectric**	**Capacitance**	**Capacitance Tolerance**	**Failure Rate**	**Leads**
MR04 MR05 MR06 MR07 MR08	5 = 50V 1 = 100V 2 = 200V	A = C0G (NP0)	First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	D = ±.5pF (>10pF only) F = ±1% (>50pF only) G = ±2% (>25pF only) J = ±5% K = ±10%	A = Not Applicable	A = Standard Solderable T[1] = Trimmed Leads .230" ± .030"

[1] Trimmed lead length for the MR05 style will be measured from the bend in the lead (seating plane).

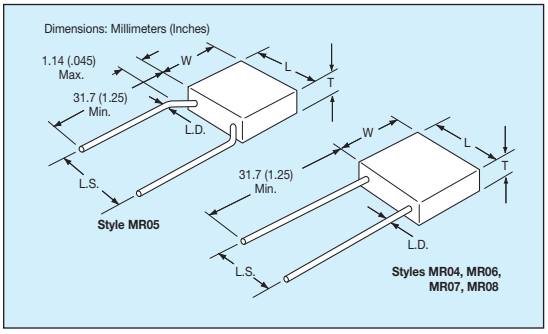
C0G (NP0) Dielectric

Cap. in pF	AVX Style / Typical AVX Part Nos.	MR04 WVDC			MR05 WVDC			MR06 WVDC			MR07 WVDC			MR08 WVDC		
1.0 to 9.1	MR_____5A1R0DAA MR_____5A9R1DAA	■	■	■	■	■	■									
10 12 15	MR_____5A100KAA MR_____5A120KAA MR_____5A150KAA	■	■	■	■	■	■									
18 22 27	MR_____5A180KAA MR_____5A220KAA MR_____5A270KAA	■	■	■	■	■	■									
33 39 47	MR_____5A330KAA MR_____5A390KAA MR_____5A470KAA	■	■	■	■	■	■									
56 68 82	MR_____5A560KAA MR_____5A680KAA MR_____5A820KAA	■	■	■	■	■	■									
100 120 150	MR_____5A101KAA MR_____5A121KAA MR_____5A151KAA	■	■	■	■	■	■									
180 220 270	MR_____5A181KAA MR_____5A221KAA MR_____5A271KAA	■	■	■	■	■	■									
330 390 470	MR_____5A331KAA MR_____5A391KAA MR_____5A471KAA	■	■	■	■	■	■									
560 680 820	MR_____5A561KAA MR_____5A681KAA MR_____5A821KAA	■	■	■	■	■	■									
1000 1200 1500	MR_____5A102KAA MR_____5A122KAA MR_____5A152KAA	■	■	■	■	■	■									
1800 2200 2700	MR_____5A182KAA MR_____5A222KAA MR_____5A272KAA		■	■		■	■	■			■	■	■			
3300 3900 4700	MR_____5A332KAA MR_____5A392KAA MR_____5A472KAA		■	■		■	■	■			■	■	■			
5600 6800 8200	MR_____5A562KAA MR_____5A682KAA MR_____5A822KAA			■			■		■			■	■			
10,000 12,000 15,000	MR_____5A103KAA MR_____5A123KAA MR_____5A153KAA								■	■		■	■			
18,000 22,000 27,000	MR_____5A183KAA MR_____5A223KAA MR_____5A273KAA									■		■	■			
33,000 39,000 47,000	MR_____5A333KAA MR_____5A393KAA MR_____5A473KAA											■	■			
56,000 68,000 82,000	MR_____5A563KAA MR_____5A683KAA MR_____5A823KAA											■	■			
100,000 120,000 150,000	MR_____5A104KAA MR_____5A124KAA MR_____5A154KAA												■		■	■

For trimmed leads see "How To Order".
For other tolerances see "How To Order".
For other voltages see "How To Order".

■ = Industry preferred values

MR Series
Molded Radial MLCC X7R Dielectric



AVX MR series is a molded radial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics. Voltage available are 50, 100, & 200 VDC. AVX also offers military grade molded radials per MIL-PRF-39014, MIL-C-11015, and MIL-PRF-20.

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

HOW TO ORDER

MR05	1	C	561	J	A	A
AVX Style	**Voltage**	**Dielectric**	**Capacitance**	**Capacitance Tolerance**	**Failure Rate**	**Leads**
MR04 MR05 MR06 MR07 MR08	5 = 50V 1 = 100V 2 = 200V	C = X7R	First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	J = ±5% K = ±10% M = ±20%	A = Not Applicable T = CECC	A = Standard Solderable T[1] = Trimmed Leads .230" ± .030"

[1] Trimmed lead length for the MR05 style will be measured from the bend in the lead (seating plane).

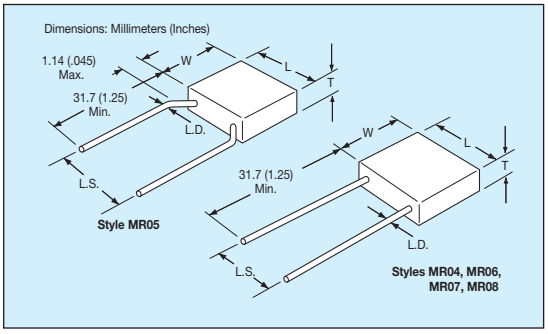
X7R Dielectric

Cap. in pF	AVX Style / Typical AVX Part Nos.	MR04 WVDC			MR05 WVDC			MR06 WVDC			MR07 WVDC			MR08 WVDC		
100	MR_____5C101KAA															
120	MR_____5C121KAA															
150	MR_____5C151KAA															
180	MR_____5C181KAA															
220	MR_____5C221KAA															
270	MR_____5C271KAA															
330	MR_____5C331KAA															
390	MR_____5C391KAA															
470	MR_____5C471KAA															
560	MR-----5C561KAA															
680	MR-----5C681KAA															
820	MR-----5C821KAA															
1000	MR_____5C102KAA															
1200	MR_____5C122KAA															
1500	MR_____5C152KAA															
1800	MR_____5C182KAA															
2200	MR_____5C222KAA															
2700	MR_____5C272KAA															
3300	MR_____5C332KAA															
3900	MR_____5C392KAA															
4700	MR_____5C472KAA															
5600	MR_____5C562KAA															
6800	MR_____5C682KAA															
8200	MR_____5C822KAA															
10,000	MR_____5C103KAA															
12,000	MR_____5C123KAA															
15,000	MR_____5C153KAA															
18,000	MR_____5C183KAA															
22,000	MR_____5C223KAA															
27,000	MR_____5C273KAA															
33,000	MR_____5C333KAA															
39,000	MR_____5C393KAA															
47,000	MR_____5C473KAA															
56,000	MR_____5C563KAA															
68,000	MR_____5C683KAA															
82,000	MR_____5C823KAA															
100,000	MR_____5C104KAA															
120,000	MR_____5C124KAA															
150,000	MR_____5C154KAA															
180,000	MR_____5C184KAA															
220,000	MR_____5C224KAA															
270,000	MR_____5C274KAA															
330,000	MR_____5C334KAA															
390,000	MR_____5C394KAA															
470,000	MR_____5C474KAA															
560,000	MR_____5C564KAA															
680,000	MR_____5C684KAA															
820,000	MR_____5C824KAA															
1.0 µF	MR_____5C105KAA															
1.2 µF	MR_____5C125KAA															
1.5 µF	MR_____5C155KAA															
1.8 µF	MR_____5C185KAA															
2.0 µF	MR_____5C205KAA															
2.2 µF	MR_____5C225KAA															
2.7 µF	MR_____5C275KAA															
3.3 µF	MR_____5C335KAA															
3.9 µF	MR_____5C395KAA															
4.7 µF	MR_____5C475KAA															

= Industry preferred values

For trimmed leads see "How To Order".
For other tolerances see "How To Order".
For other voltages see "How To Order".

MR Series
Molded Radial MLCC Z5U Dielectric



AVX MR series is a molded radial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics. Voltage available are 50, 100, & 200 VDC. AVX also offers military grade molded radials per MIL-PRF-39014, MIL-C-11015, and MIL-PRF-20.

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

HOW TO ORDER

MR05 | **1** | **A** | **561** | **Z** | **A** | **A**

AVX Style
MR04
MR05
MR06
MR07
MR08

Voltage
5 = 50V
1 = 100V

Dielectric
A = C0G (NP0)
C = X7R
E = Z5U

Capacitance
First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)

Capacitance Tolerance
M = ±20%
Z = +80% -20%

Failure Rate
A = Not Applicable

Leads
A = Standard Solderable
T[1] = Trimmed Leads .230" ± .030"

[1] Trimmed lead length for the MR05 style will be measured from the bend in the lead (seating plane).

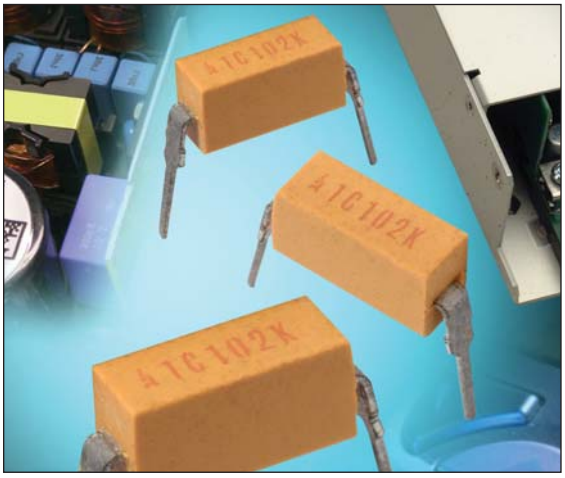
Z5U Dielectric

Cap. in pF	Typical AVX Part Nos.	MR04 WVDC 100	MR04 WVDC 50	MR05 WVDC 100	MR05 WVDC 50	MR06 WVDC 100	MR06 WVDC 50	MR07 WVDC 100	MR07 WVDC 50	MR08 WVDC 100	MR08 WVDC 50
10,000	MR____5E103ZAA										
12,000	MR____5E123ZAA										
15,000	MR____5E153ZAA										
18,000	MR____5E183ZAA										
22,000	MR____5E223ZAA										
27,000	MR____5E273ZAA										
33,000	MR____5E333ZAA										
39,000	MR____5E393ZAA										
47,000	MR____5E473ZAA										
56,000	MR____5E563ZAA										
68,000	MR____5E683ZAA										
82,000	MR____5E823ZAA										
100,000	MR____5E104ZAA										
120,000	MR____5E124ZAA										
150,000	MR____5E154ZAA										
180,000	MR____5E184ZAA										
220,000	MR____5E224ZAA										
270,000	MR____5E274ZAA										
330,000	MR____5E334ZAA										
390,000	MR____5E394ZAA										
470,000	MR____5E474ZAA										
560,000	MR____5E564ZAA										
680,000	MR____5E684ZAA										
820,000	MR____5E824ZAA										
1.0 µF	MR____5E105ZAA										
1.2 µF	MR____5E125ZAA										
1.5 µF	MR____5E155ZAA										
1.8 µF	MR____5E185ZAA										
2.2 µF	MR____5E225ZAA										
2.7 µF	MR____5E275ZAA										
3.3 µF	MR____5E335ZAA										
3.9 µF	MR____5E395ZAA										
4.7 µF	MR____5E475ZAA										
5.6 µF	MR____5E565ZAA										
6.8 µF	MR____5E685ZAA										
8.2 µF	MR____5E825ZAA										
10.0 µF	MR____5E106ZAA										

= Industry preferred values

For trimmed leads see "How To Order".
For other tolerances see "How To Order".
For other voltages see "How To Order".

MD Series
2 Pin DIP



AVX MD series is a Molded 2 Pin DIP capacitor. We offer NP0, X7R, and Z5U dielectrics. Voltages available are 50 and 100Vdc.

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

HOW TO ORDER

MD01 — **AVX Style**
MD01
CKR22*
CKS22**
MD02
CKR23*
CKS23*
MD03
CKR24*
CKS24**

5 — **Voltage**
5 = 50V
1 = 100V

E — **Temperature Coefficient**
A = C0G (NP0)
C = X7R
E = Z5U

104 — **Capacitance**
First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104.

M — **Capacitance Tolerance**

C0G (NP0):	X7R:	Z5U:
F = ±1%	J = ±5%	M = ±20%
J = ±5%	K = ±10%	Z = +80% -20%
K = ±10%	M = ±20%	

A — **Failure Rate**
A = Not Applicable

B — **Assembly Method**
A = Hand Assembled
B = Automated Assembly

C0G (NP0)

Cap. in pF*	EIA Characteristic	C0G (NP0) WVDC 100	50
	AVX Style	MD01	
10	MD015A100KAB	■	■
15	MD015A150KAB	■	■
22	MD015A220KAB	■	■
33	MD015A330KAB	■	■
47	MD015A470KAB	■	■
68	MD015A680KAB	■	■
100	MD015A101KAB	■	■
150	MD015A151KAB		■
220	MD015A221KAB		■
330	MD015A331KAB		■
470	MD015A471KAB		■
680	MD015A681KAB		■
1000	MD015A102KAB		■
1500	MD015A152KAB		■
2200	MD015A222KAB		■
3300	MD015A332KAB		■
	AVX Style	MD02	
Cap. in pF*		WVDC 100	50
4700	MD025A472KAB		■
6800	MD025A682KAB		■
10000	MD025A103KAB		■

For other voltages and tolerances see Part No. Codes.

X7R

Cap. in pF*	EIA Characteristic	X7R WVDC 100	50
	AVX Style	MD01	
220	MD015C221KAB	■	■
330	MD015C331KAB	■	■
470	MD015C471KAB	■	■
680	MD015C681KAB	■	■
1000	MD015C102KAB	■	■
1500	MD015C152KAB	■	■
2200	MD015C222KAB	■	■
3300	MD015C332KAB	■	■
4700	MD015C472KAB	■	■
6800	MD015C682KAB	■	■
10,000	MD011C103KAB	■	■
15,000	MD015C153KAB		■
22,000	MD015C223KAB		■
33,000	MD015C333KAB		■
47,000	MD015C473KAB		■
68,000	MD015C683KAB		■
100,000	MD015C104KAB		■
	AVX Style	MD02	
Cap. in pF*		WVDC 100	50
150,000	MD025C154KAB		■
220,000	MD025C224KAB		■
	AVX Style	MD03	
Cap. in pF*		WVDC 100	50
330,000	MD035C334KAA		■
470,000	MD035C474KAA		■
680,000	MD035C684KAA		■
1,000,000	MD035C105KAA		■

For other voltages and tolerances see Part No. Codes.

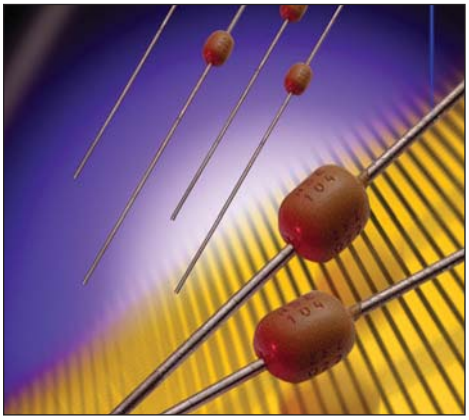
Z5U

Cap. in pF*	EIA Characteristic	Z5U WVDC 100	50
	AVX Style	MD01	
10,000	MD015E103ZAB		■
15,000	MD015E153ZAB		■
22,000	MD015E223ZAB		■
33,000	MD015E333ZAB		■
47,000	MD015E473ZAB		■
68,000	MD015E683ZAB		■
100,000	MD015E104ZAB		■
150,000	MD015E154ZAB		■
220,000	MD015E224ZAB		■
330,000	MD015E334ZAB		■
	AVX Style	MD02	
Cap. in pF*		WVDC 100	50
470,000	MD025E474ZAB		■
	AVX Style	MD03	
Cap. in pF*		WVDC 100	50
680,000	MD035E684ZAA		■
1,000,000	MD035E105ZAA		■

For other voltages and tolerances see Part No. Codes.
*Other capacitance values available upon special request.
■ = Industry preferred values

SA Series

SpinGuard® Axial Conformal Coated NP0 Dielectric



AVX SA series is a conformally coated axial leaded capacitor. We offer NP0, X7R, X5R, and Z5U dielectrics. Voltages available are 10, 50, 100, and 200Vdc. Lower voltages available upon request.

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

HOW TO ORDER

SA10	5	A	104	F	A	R

Conformal Axial Size
SA05
SA10
SA11
SA20
SA30
SA40

Voltage
5 = 50V
1 = 100V
2 = 200V

Dielectric
A = C0G (NP0)

Capacitance
First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)

Capacitance Tolerance
C = ±.25pF
D = ±.5pF
F = ±1%
G = ±2%
J = ±5%
K = ±10%

Failure Rate
A = Not Applicable

Leads
Standard (Solderable)
R = RoHS Compliant
A = Standard Solderable

NP0 Dielectric

AVX Style	SA05		SA10			SA11		SA20		SA30		SA40	
Cap. in pF / Typical AVX Part Nos.	WVDC 200	WVDC 100	WVDC 200	WVDC 100	WVDC 50	WVDC 100	WVDC 50	WVDC 100	WVDC 50	WVDC 100	WVDC 50	WVDC 100	WVDC 50
1.0* + 9.1*	SA102A1R0DAR + SA102A9R1DAR												
10 12 15	SA102A100JAR SA102A120JAR SA102A150JAR												
18 22 27	SA102A180JAR SA102A220JAR SA102A270JAR												
33 39 47	SA102A330JAR SA102A390JAR SA102A470JAR												
56 68 82	SA102A560JAR SA102A680JAR SA102A820JAR												
100 120 150	SA102A101JAR SA102A121JAR SA101A151JAR												
180 220 270	SA101A181JAR SA101A221JAR SA101A271JAR												
330 390 470	SA101A331JAR SA101A391JAR SA101A471JAR												
560 680 820	SA101A561JAR SA101A681JAR SA101A821JAR												
1000 1200 1500	SA105A102JAR SA201A122JAR SA201A152JAR												
1800 2200 2700	SA205A182JAR SA301A222JAR SA301A272JAR												
3300 3900 4700	SA301A332JAR SA301A392JAR SA305A472JAR												
5600 6800 8200	SA401A562JAR SA401A682JAR SA405A822JAR												
10,000 12,000	SA405A103JAR SA405A123JAR												

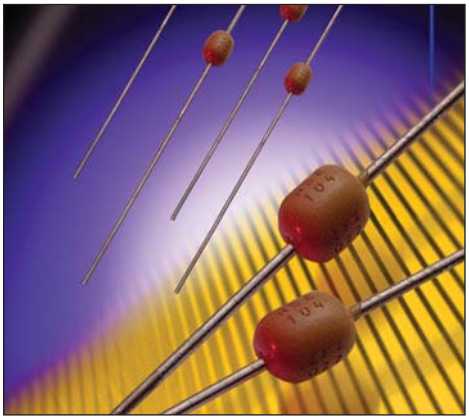
For other tolerances see Part No. Codes
For other voltages see Part No. Codes
AVX Style

= Industry preferred values

*"C&D" Tolerance Only

SA Series

SpinGuard® Axial Conformal Coated X7R Dielectric



AVX SA series is a conformally coated axial leaded capacitor. We offer NP0, X7R, X5R, and Z5U dielectrics. Voltages available are 10, 50, 100, and 200Vdc. Lower voltages available upon request.

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

HOW TO ORDER

SA10 — **Conformal Axial Size**
SA05
SA10
SA11
SA20
SA30
SA40

5 — **Voltage**
5 = 50V
1 = 100V
2 = 200V

C — **Dielectric**
C = X7R

104 — **Capacitance**
First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)

K — **Capacitance Tolerance**
J = ±5%
K = ±10%
M = ±20%

A — **Failure Rate**
A = Not Applicable

R — **Leads**
Standard (Solderable)
R = RoHS Compliant
A = Standard Solderable

X7R Dielectric

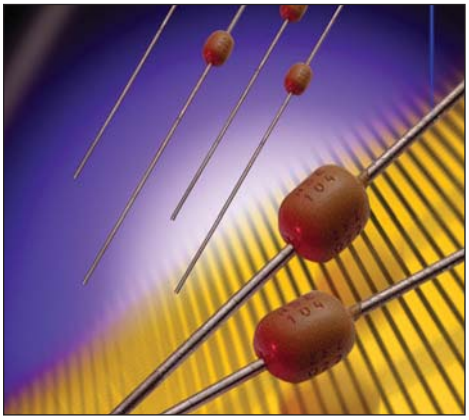
AVX Style		SA05			SA10			SA11		SA20		SA30		SA40	
Cap. in pF	Typical AVX Part Nos.	WVDC 200	100	50	200	100	50	WVDC 100	50	WVDC 100	50	WVDC 100	50	WVDC 100	50
220 270 330	SA102C221KAR SA102C271KAR SA102C331KAR	■			■										
390 470 560	SA102C391KAR SA102C471KAR SA101C561KAR	■	■		■	■									
680 820 1000	SA101C681KAR SA101C821KAR SA101C102KAR		■		■	■									
1200 1500 1800	SA101C122KAR SA101C152KAR SA101C182KAR		■		■	■									
2200 2700 3300	SA101C222KAR SA101C272KAR SA101C332KAR		■		■	■									
3900 4700 5600	SA101C392KAR SA101C472KAR SA101C562KAR		■		■	■									
6800 8200 10,000	SA101C682KAR SA105C822KAR SA105C103KAR		■	■	■	■	■			■					
12,000 15,000 18,000	SA105C123KAR SA105C153KAR SA105C183KAR			■		■	■	■		■					
22,000 27,000 33,000	SA105C223KAR SA105C273KAR SA105C333KAR			■		■	■	■		■	■	■			
39,000 47,000 56,000	SA105C393KAR SA105C473KAR SA115C563KAR			■		■	■	■	■	■	■	■	■		
68,000 82,000 100,000	SA115C683KAR SA115C823KAR SA115C104KAR			■			■	■	■	■	■	■	■		
120,000 150,000 180,000	SA305C124KAR SA305C154KAR SA305C184KAR						■		■			■	■	■	
220,000 270,000 330,000	SA305C224KAR SA305C274KAR SA305C334KAR								■			■	■	■	■
470,000 1,000,000	SA405C474KAR SA305C105KAR								■			■	■	■	■

For other tolerances see Part No. Codes
For other voltages see Part No. Codes
AVX Style

■ = Industry preferred values

SA Series

SpinGuard® Axial Conformal Coated X5R Dielectric



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HOW TO ORDER

SA10	5	D	104	K	A	R
Conformal Axial Size SA10	**Voltage** Z = 10V	**Dielectric** D = X5R	**Capacitance** First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	**Capacitance Tolerance** K = ±10% M = ±20%	**Failure Rate** A = Not Applicable	**Leads** Standard (Solderable) R = RoHS Compliant A = Standard Solderable

Dimensions: Millimeters (Inches)

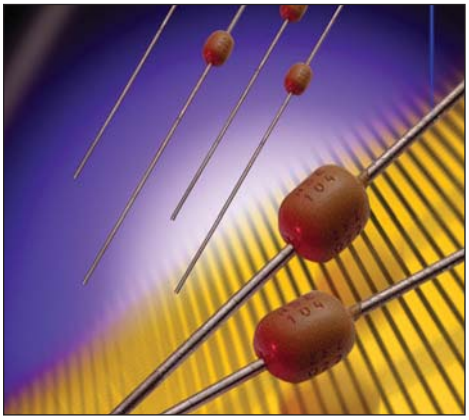
	AVX Style	SA10
	Length (L)	4.32 (.170")
	Diameter (D)	2.54 (.100")
	Lead Diameter	.445 (.0175")
	Lead Length	25.4 (1.00")
Cap. in µF	Typical AVX Part Nos.	WVDC 10
1.8	SA10ZD185KAR	
2.7	SA10ZD275KAR	
3.3	SA10ZD335KAR	
4.7	SA10ZD475KAR	

For other tolerances see Part No. Codes
For other voltages see Part No. Codes
AVX Style

= Industry preferred values

SA Series

SpinGuard® Axial Conformal Coated Z5U Dielectric



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HOW TO ORDER

SA10	5	E	104	Z	A	R
Conformal Axial Size SA05 SA10 SA11 SA20 SA30 SA40	**Voltage** 5 = 50V 1 = 100V	**Dielectric** E = Z5U	**Capacitance** First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	**Capacitance Tolerance** M = ±20% Z = +80% -20%	**Failure Rate** A = Not Applicable	**Leads** Standard (Solderable) R = RoHS Compliant A = Standard Solderable

Z5U Dielectric

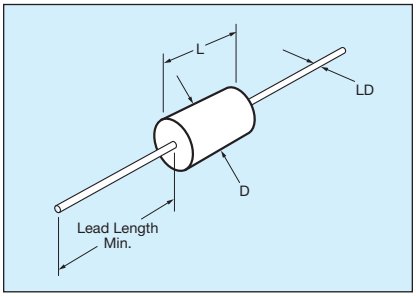
AVX Style		SA05	SA10		SA11		SA20		SA30		SA40	
Cap. in pF	Typical AVX Part Nos.	WVDC 50	WVDC 100	50	100	50	100	50	100	50	100	50
10,000 15,000 22,000	SA105E103ZAR SA105E153ZAR SA105E223ZAR											
33,000 47,000 68,000	SA105E333ZAR SA105E473ZAR SA105E683ZAR											
*100,000 150,000 220,000	SA105E104ZAR SA105E154ZAR SA105E224ZAR											
330,000 470,000 680,000	SA115E334ZAR SA305E474ZAR SA305E684ZAR											
820,000 1,000,000	SA305E824ZAR SA305E105ZAR											

= Industry preferred values

For other tolerances see Part No. Codes
For other voltages see Part No. Codes
AVX Style

***Preferred Industry Decoupling Capacitor — Insertable on .300" centers.**
SA105E104ZAA

MA Series
Molded Axial NP0 Dielectric



AVX MA series is a molded axial leaded capacitor. We offer NP0, X7R, and Z5U dielectrics. Voltages available are 50V, 100V, and 200Vdc. AVX also offers military grade molded axials per MIL-C-11015, MIL-PRF-39014, and MIL-PRF-20.

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

HOW TO ORDER

MA10	5	A	104	J	A	A
Molded Axial Size MA10 MA20 MA30 MA40 MA50 MA60	**Voltage** 5 = 50V 1 = 100V 2 = 200V	**Dielectric** A = C0G (NP0)	**Capacitance** First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	**Capacitance Tolerance** F = ±1% J = ±5% K = ±10% M = ±20% D = ±5.pF <10pF only	**Failure Rate** A = Not Applicable	**Leads** A = Standard

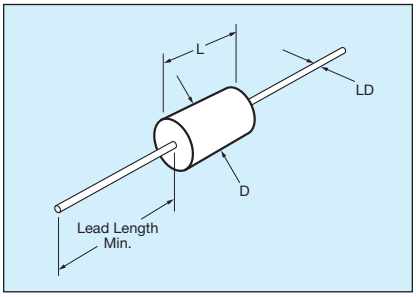
‡ C tolerance available C0G (NP0) from 1.0 to 9.1 pF only. Minimum tolerance for values 10 pF - 100 pF is D or F whichever is greater.

NP0 Dielectric

Cap. in pF	Typical AVX Part Nos.	MA10 WVDC 200	MA10 100	MA10 50	MA20 200	MA20 100	MA20 50	MA30 200	MA30 100	MA30 50	MA40 200	MA40 100	MA40 50	MA50 200	MA50 100	MA50 50	MA60 200	MA60 100	MA60 50
1.0 to 9.1	MA_____5A1R0DAA MA_____5A9R1DAA	■	■	■															
10 12 15	MA_____5A100KAA MA_____5A120KAA MA_____5A150KAA	■	■	■															
18 22 27	MA_____5A180KAA MA_____5A220KAA MA_____5A270KAA	■	■	■															
33 39 47	MA_____5A330KAA MA_____5A390KAA MA_____5A470KAA	■	■	■															
56 68 82	MA_____5A560KAA MA_____5A680KAA MA_____5A820KAA	■	■	■	■	■	■												
100 120 150	MA_____5A101KAA MA_____5A121KAA MA_____5A151KAA	■	■	■	■	■	■	■	■	■									
180 220 270	MA_____5A181KAA MA_____5A221KAA MA_____5A271KAA	■	■	■	■	■	■	■	■	■	■	■	■						
330 390 470	MA_____5A331KAA MA_____5A391KAA MA_____5A471KAA		■	■	■	■	■	■	■	■	■	■	■						
560 680 820	MA_____5A561KAA MA_____5A681KAA MA_____5A821KAA		■	■		■	■	■	■	■	■	■	■						
1000 1200 1500	MA_____5A102KAA MA_____5A122KAA MA_____5A152KAA			■		■	■	■	■	■	■	■	■	■	■	■			
1800 2200 2700	MA_____5A182KAA MA_____5A222KAA MA_____5A272KAA						■		■	■	■	■	■	■	■	■			
3300 3900 4700	MA_____5A332KAA MA_____5A392KAA MA_____5A472KAA								■	■		■	■	■	■	■	■	■	■
5600 6800 8200	MA_____5A562KAA MA_____5A682KAA MA_____5A822KAA									■		■	■	■	■	■	■	■	■
10,000 12,000 15,000	MA_____5A103KAA MA_____5A123KAA MA_____5A153KAA												■		■	■	■	■	■
18,000 22,000 27,000	MA_____5A183KAA MA_____5A223KAA MA_____5A273KAA														■	■	■	■	■
33,000 39,000 47,000	MA_____5A333KAA MA_____5A393KAA MA_____5A473KAA															■		■	■
56,000 68,000 82,000	MA_____5A563KAA MA_____5A683KAA MA_____5A823KAA																	■	■
100,000 120,000 150,000	MA_____5A104KAA MA_____5A124KAA MA_____5A154KAA																		■

For other tolerances see Part No. Codes
For other voltages see Part No. Codes.
AVX Style

MA Series
Molded Axial X7R Dielectric



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

HOW TO ORDER

MA10	5	C	104	J	A	A
Molded Axial Size MA10 MA20 MA30 MA40 MA50 MA60	**Voltage** 5 = 50V 1 = 100V 2 = 200V	**Dielectric** C = X7R	**Capacitance** First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	**Capacitance Tolerance** J = ±5% K = ±10% M = ±20%	**Failure Rate** A = Not Applicable	**Leads** A = Standard

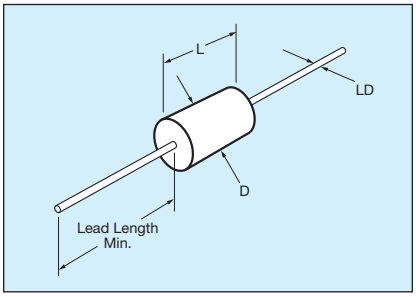
‡ C tolerance available C0G (NP0) from 1.0 to 9.1 pF only. Minimum tolerance for values 10 pF - 100 pF is D or F whichever is greater.

X7R Dielectric

Cap. in pF	AVX Style / Typical AVX Part Nos.	MA10 WVDC 200	MA10 100	MA10 50	MA20 200	MA20 100	MA20 50	MA30 200	MA30 100	MA30 50	MA40 200	MA40 100	MA40 50	MA50 200	MA50 100	MA50 50	MA60 200	MA60 100	MA60 50
220	MA_____5C221KAA	■	■	■	■	■	■												
270	MA_____5C271KAA	■	■	■	■	■	■												
330	MA_____5C331KAA	■	■	■	■	■	■												
390	MA_____5C391KAA	■	■	■	■	■	■												
470	MA_____5C471KAA	■	■	■	■	■	■												
560	MA_____5C561KAA	■	■	■	■	■	■	■	■	■									
680	MA_____5C681KAA	■	■	■	■	■	■	■	■	■									
820	MA_____5C821KAA	■	■	■	■	■	■	■	■	■									
1000	MA_____5C102KAA	■	■	■	■	■	■	■	■	■	■	■	■						
1200	MA_____5C122KAA	■	■	■	■	■	■	■	■	■	■	■	■						
1500	MA_____5C152KAA		■	■	■	■	■	■	■	■	■	■	■						
1800	MA_____5C182KAA		■	■	■	■	■	■	■	■	■	■	■						
2200	MA_____5C222KAA		■	■	■	■	■	■	■	■	■	■	■						
2700	MA_____5C272KAA		■	■	■	■	■	■	■	■	■	■	■						
3300	MA_____5C332KAA		■	■		■	■	■	■	■	■	■	■	■	■	■			
3900	MA_____5C392KAA		■	■		■	■	■	■	■	■	■	■	■	■	■			
4700	MA_____5C472KAA		■	■		■	■	■	■	■	■	■	■	■	■	■			
5600	MA_____5C562KAA		■	■		■	■	■	■	■	■	■	■	■	■	■			
6800	MA_____5C682KAA			■		■	■		■	■	■	■	■	■	■	■			
8200	MA_____5C822KAA			■		■	■		■	■	■	■	■	■	■	■			
10,000	MA_____5C103KAA			■		■	■		■	■	■	■	■	■	■	■	■	■	■
12,000	MA_____5C123KAA			■		■	■		■	■	■	■	■	■	■	■	■	■	■
15,000	MA_____5C153KAA			■		■	■		■	■	■	■	■	■	■	■	■	■	■
18,000	MA_____5C183KAA			■		■	■		■	■	■	■	■	■	■	■	■	■	■
22,000	MA_____5C223KAA						■		■	■		■	■	■	■	■	■	■	■
27,000	MA_____5C273KAA						■		■	■		■	■	■	■	■	■	■	■
33,000	MA_____5C333KAA						■		■	■		■	■	■	■	■	■	■	■
39,000	MA_____5C393KAA						■		■	■		■	■	■	■	■	■	■	■
47,000	MA_____5C473KAA						■		■	■		■	■	■	■	■	■	■	■
56,000	MA_____5C563KAA									■		■	■	■	■	■	■	■	■
68,000	MA_____5C683KAA									■		■	■	■	■	■	■	■	■
82,000	MA_____5C823KAA									■		■	■	■	■	■	■	■	■
100,000	MA_____5C104KAA												■		■	■	■	■	■
120,000	MA_____5C124KAA												■		■	■	■	■	■
150,000	MA_____5C154KAA												■		■	■	■	■	■
180,000	MA_____5C184KAA												■		■	■	■	■	■
220,000	MA_____5C224KAA												■		■	■	■	■	■
270,000	MA_____5C274KAA												■		■	■	■	■	■
330,000	MA_____5C334KAA														■	■		■	■
390,000	MA_____5C394KAA														■	■		■	■
470,000	MA_____5C474KAA														■	■		■	■
560,000	MA_____5C564KAA															■		■	■
680,000	MA_____5C684KAA															■		■	■
820,000	MA_____5C824KAA															■		■	■
1.0 µF	MA_____5C105KAA															■		■	■
1.2 µF	MA_____5C125KAA																		■
1.5 µF	MA_____5C155KAA																		■
1.8 µF	MA_____5C185KAA																		■
2.2 µF	MA_____5C225KAA																		■
2.7 µF	MA_____5C275KAA																		■
3.3 µF	MA_____5C335KAA																		■
3.9 µF	MA_____5C395KAA																		■

For other tolerances see Part No. Codes
For other voltages see Part No. Codes.
AVX Style

MA Series
Molded Axial Z5U Dielectric



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HOW TO ORDER

MA10	5	E	104	Z	A	A
Molded Axial Size MA10 MA20 MA30 MA40 MA50 MA60	**Voltage** 5 = 50V 1 = 100V 2 = 200V	**Dielectric** E = Z5U	**Capacitance** First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF.)	**Capacitance Tolerance** M = ±20% Z = +80% -20%	**Failure Rate** A = Not Applicable	**Leads** A = Standard

‡ C tolerance available C0G (NP0) from 1.0 to 9.1 pF only. Minimum tolerance for values 10 pF - 100 pF is D or F whichever is greater.

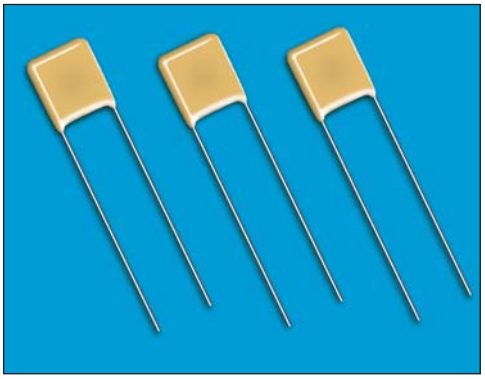
Z5U Dielectric

	AVX Style	MA10			MA20			MA30			MA40			MA50			MA60		
Cap. in pF	Typical AVX Part Nos.	WVDC			WVDC			WVDC			WVDC			WVDC			WVDC		
		200	100	50	200	100	50	200	100	50	200	100	50	200	100	50	200	100	50
1000 1200 1500	MA___5E102ZAA MA___5E122ZAA MA___5E152ZAA	■	■	■															
1800 2200 2700	MA___5E182ZAA MA___5E222ZAA MA___5E272ZAA	■	■	■															
3300 3900 4700	MA___5E332ZAA MA___5E392ZAA MA___5E472ZAA	■	■	■	■	■	■												
5600 6800 8200	MA___5E562ZAA MA___5E682ZAA MA___5E822ZAA		■	■	■	■	■	■	■	■									
10,000 12,000 15,000	MA___5E103ZAA MA___5E123ZAA MA___5E153ZAA		■	■	■	■	■	■	■	■	■	■	■						
18,000 22,000 27,000	MA___5E183ZAA MA___5E223ZAA MA___5E273ZAA		■	■		■	■	■	■	■	■	■	■						
33,000 39,000 47,000	MA___5E333ZAA MA___5E393ZAA MA___5E473ZAA			■		■	■		■	■	■	■	■	■	■	■			
56,000 68,000 82,000	MA___5E563ZAA MA___5E683ZAA MA___5E823ZAA			■			■		■	■	■	■	■	■	■	■			
100,000 120,000 150,000	MA___5E104ZAA MA___5E124ZAA MA___5E154ZAA						■			■		■	■	■	■	■	■	■	■
180,000 220,000 270,000	MA___5E184ZAA MA___5E224ZAA MA___5E274ZAA									■		■	■		■	■	■	■	■
330,000 390,000 470,000	MA___5E334ZAA MA___5E394ZAA MA___5E474ZAA									■			■		■	■	■	■	■
560,000 680,000 820,000	MA___5E564ZAA MA___5E684ZAA MA___5E824ZAA												■			■	■	■	■
1.0 µF 1.2 µF 1.5 µF	MA___5E105ZAA MA___5E125ZAA MA___5E155ZAA												■			■		■	■
1.8 µF 2.2 µF 2.7 µF	MA___5E185ZAA MA___5E225ZAA MA___5E275ZAA															■		■	■
3.3 µF 3.9 µF 4.7 µF	MA___5E335ZAA MA___5E395ZAA MA___5E475ZAA																		■
5.6 µF 6.8 µF 8.2 µF	MA___5E565ZAA MA___5E685ZAA MA___5E825ZAA																		■

For other tolerances see Part No. Codes
For other voltages see Part No. Codes.
AVX Style

Leaded High Voltage MLCC

SV Series Radial Capacitors – C0G Dielectric



High value, low leakage and small size are difficult parameters to obtain in capacitors for high voltage systems. AVX special high voltage MLC radial leaded capacitors meet these performance characteristics. The added advantage of these capacitors lies in special internal design minimizing the electric field stresses within the MLC. These special design criteria result in significant reduction of partial discharge activity within the dielectric and having, therefore, a major impact on long-term reliability of the product. The SV high voltage radial capacitors are conformally coated with high insulation resistance, high dielectric strength epoxy eliminating the possibility of arc flashover.

The SV high voltage radial MLC designs exhibit low ESRs at high frequency. The same criteria governing the high voltage design carries the added benefits of extremely low ESR in relatively low capacitance and small packages. These capacitors are designed and are ideally suited for applications such as snubbers in high frequency power converters, resonators in SMPS, and high voltage coupling/DC blocking.

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

HOW TO ORDER

SV01	A	A	102	K	A	A	*
AVX Style	**Voltage** C = 600V/630V A = 1000V S = 1500V G = 2000V W = 2500V H = 3000V J = 4000V K = 5000V	**Temperature Coefficient** C0G = A	**Capacitance Code** (2 significant digits + no. of zeros) Examples: 10 pF = 100 100 pF = 101 1,000 pF = 102 22,000 pF = 223 220,000 pF = 224 1 µF = 105	**Capacitance Tolerance** J = ±5% K = ±10% M = ±20%	**Test Level** A = Standard B = Hi-Rel*	**Leads** A = Tin/Lead R = RoHS Compliant	**Packaging** (See Note 1)

Note 1: No suffix signifies bulk packaging which is AVX standard packaging. Use suffix "TR1" if tape and reel is required. Parts are reel packaged per EIA-468.

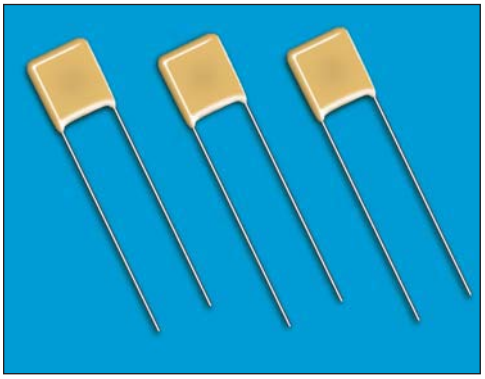
*Hi-Rel screening consists of 100% Group A, Subgroup 1 per MIL-PRF-49467. (Except partial discharge testing is not performed and DWV is at 120% rated voltage).

C0G								
Style	**600/630V min./max.**	**1000V min./max.**	**1500V min./max.**	**2000V min./max.**	**2500V min./max.**	**3000V min./max.**	**4000V min./max.**	**5000V min./max.**
SV01	100 pF / 1500 pF	100 pF / 1000 pF	10 pF / 330 pF	10 pF / 220 pF	10 pF / 120 pF	10 pF / 82 pF	–	–
SV02/SV52	100 pF / 6800 pF	100 pF / 4700 pF	100 pF / 1500 pF	10 pF / 1000 pF	10 pF / 680 pF	10 pF / 560 pF	10 pF / 150 pF	10 pF / 100 pF
SV03/SV53	100 pF / 0.012 µF	100 pF / 8200 pF	100 pF / 2700 pF	100 pF / 1800 pF	10 pF / 1000 pF	10 pF / 680 pF	10 pF / 390 pF	10 pF / 220 pF
SV04/SV54	100 pF / 3900 pF	100 pF / 2700 pF	10 pF / 820 pF	10 pF / 560 pF	10 pF / 270 pF	10 pF / 180 pF	10 pF / 100 pF	10 pF / 68 pF
SV05/SV55	1000 pF / 0.027 µF	1000 pF / 0.018 µF	100 pF / 6800 pF	100 pF / 4700 pF	100 pF / 2700 pF	100 pF / 1500 pF	10 pF / 1000 pF	10 pF / 560 pF
SV06/SV56	100 pF / 0.012 µF	100 pF / 0.010 µF	100 pF / 3300 pF	100 pF / 2200 pF	10 pF / 1200 pF	10 pF / 820 pF	10 pF / 470 pF	10 pF / 390 pF
SV07/SV57	1000 pF / 0.056 µF	1000 pF / 0.033 µF	1000 pF / 0.015 µF	100 pF / 0.010 µF	100 pF / 5600 pF	100 pF / 3900 pF	100 pF / 2200 pF	10 pF / 1200 pF
SV08/SV58	1000 pF / 0.082 µF	1000 pF / 0.047 µF	1000 pF / 0.022 µF	1000 pF / 0.015 µF	100 pF / 0.010 µF	100 pF / 6800 pF	100 pF / 3300 pF	100 pF / 2200 pF
SV09/SV59	1000 pF / 0.150 µF	1000 pF / 0.082 µF	1000 pF / 0.039 µF	1000 pF / 0.022 µF	1000 pF / 0.015 µF	100 pF / 8200 pF	100 pF / 4700 pF	100 pF / 3300 pF
SV10	1000 pF / 0.100 µF	1000 pF / 0.056 µF	1000 pF / 0.022 µF	1000 pF / 0.012 µF	100 pF / 8200 pF	100 pF / 5600 pF	100 pF / 3300 pF	100 pF / 2200 pF
SV11	1000 pF / 0.150 µF	1000 pF / 0.082 µF	1000 pF / 0.039 µF	1000 pF / 0.022 µF	1000 pF / 0.015 µF	100 pF / 8200 pF	100 pF / 4700 pF	100 pF / 3300 pF
SV12	0.01 µF / 0.220 µF	0.01 µF / 0.15 µF	1000 pF / 0.056 µF	1000 pF / 0.033 µF	1000 pF / 0.022 µF	1000 pF / 0.015 µF	100 pF / 8200 pF	100 pF / 5600 pF
SV13/SV63	100 pF / 0.018 µF	100 pF / 0.012 µF	100 pF / 4700 pF	100 pF / 2700 pF	100 pF / 1800 pF	100 pF / 1000 pF	10 pF / 470 pF	10 pF / 390 pF
SV14/SV64	1000 pF / 0.039 µF	1000 pF / 0.022 µF	100 pF / 8200 pF	100 pF / 5600 pF	100 pF / 3300 pF	100 pF / 1800 pF	10 pF / 820 pF	10 pF / 680 pF
SV15/SV65	1000 pF / 0.056 µF	1000 pF / 0.033 µF	1000 pF / 0.015 µF	100 pF / 0.01 µF	100 pF / 5600 pF	100 pF / 2700 pF	100 pF / 1800 pF	100 pF / 1200 pF
SV16/SV66	1000 pF / 0.120 µF	1000 pF / 0.082 µF	1000 pF / 0.039 µF	1000 pF / 0.027 µF	1000 pF / 0.015 µF	100 pF / 8200 pF	100 pF / 4700 pF	100 pF / 3300 pF
SV17/SV67	1000 pF / 0.150 µF	1000 pF / 0.10 µF	1000 pF / 0.056 µF	1000 pF / 0.039 µF	1000 pF / 0.022 µF	1000 pF / 0.012 µF	100 pF / 6800 pF	100 pF / 4700 pF

Note: Contact factory for other voltage ratings or values.

Leaded High Voltage MLCC

SV Series Radial Capacitors – X7R Dielectric



High value, low leakage and small size are difficult parameters to obtain in capacitors for high voltage systems. AVX special high voltage MLC radial leaded capacitors meet these performance characteristics. The added advantage of these capacitors lies in special internal design minimizing the electric field stresses within the MLC. These special design criteria result in significant reduction of partial discharge activity within the dielectric and having, therefore, a major impact on long-term reliability of the product. The SV high voltage radial capacitors are conformally coated with high insulation resistance, high dielectric strength epoxy eliminating the possibility of arc flashover.

The SV high voltage radial MLC designs exhibit low ESRs at high frequency. The same criteria governing the high voltage design carries the added benefits of extremely low ESR in relatively low capacitance and small packages. These capacitors are designed and are ideally suited for applications such as snubbers in high frequency power converters, resonators in SMPS, and high voltage coupling/DC blocking.

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

HOW TO ORDER

SV01	A	A	102	K	A	A	*
AVX Style	**Voltage** A = 1000V S = 1500V G = 2000V W = 2500V H = 3000V J = 4000V K = 5000V	**Temperature Coefficient** X7R = C	**Capacitance Code** (2 significant digits + no. of zeros) Examples: 10 pF = 100 100 pF = 101 1,000 pF = 102 22,000 pF = 223 220,000 pF = 224 1 µF = 105	**Capacitance Tolerance** K = ±10% M = ±20% Z = +80 -20%	**Test Level** A = Standard B = Hi-Rel*	**Leads** A = Tin/Lead R = RoHS Compliant	**Packaging** (See Note 1)

Note 1: No suffix signifies bulk packaging which is AVX standard packaging. Use suffix "TR1" if tape and reel is required. Parts are reel packaged per EIA-468.

Note: Capacitors with X7R dielectrics are not intended for applications across AC supply mains or AC line filtering with polarity reversal. Contact plant for recommendations.

*Hi-Rel screening consists of 100% Group A, Subgroup 1 per MIL-PRF-49467. (Except partial discharge testing is not performed and DWV is at 120% rated voltage).

X7R								
Style	**600/630V min./max.**	**1000V min./max.**	**1500V min./max.**	**2000V min./max.**	**2500V min./max.**	**3000V min./max.**	**4000V min./max.**	**5000V min./max.**
SV01	1000 pF / 0.018 µF	1000 pF / 0.012 µF	100 pF / 5600 pF	100 pF / 3900 pF	–	–	–	–
SV02/SV52	1000 pF / 0.082 µF	1000 pF / 0.047 µF	1000 pF / 0.015 µF	100 pF / 6800 pF	100 pF / 3900 pF	100 pF / 2700 pF	–	–
SV03/SV53	1000 pF / 0.180 µF	1000 pF / 0.082 µF	1000 pF / 0.018 µF	1000 pF / 0.01 µF	100 pF / 6800 pF	100 pF / 4700 pF	100 pF / 1800 pF	–
SV04/SV54	1000 pF / 0.056 µF	1000 pF / 0.033 µF	100 pF / 6800 pF	100 pF / 3900 pF	100 pF / 2200 pF	100 pF / 1800 pF	100 pF / 820 pF	–
SV05/SV55	0.01 µF / 0.470 µF	0.01 µF / 0.22 µF	1000 pF / 0.056 µF	1000 pF / 0.027 µF	1000 pF / 0.018 µF	1000 pF / 0.012 µF	100 pF / 4700 pF	–
SV06/SV56	0.01 µF / 0.180 µF	0.01 µF / 0.10 µF	1000 pF / 0.033 µF	1000 pF / 0.012 µF	100 pF / 8200 pF	100 pF / 6800 pF	100 pF / 2700 pF	100 pF / 1200 pF
SV07/SV57	0.01 µF / 0.820 µF	0.01 µF / 0.39 µF	0.01 µF / 0.10 µF	1000 pF / 0.047 µF	1000 pF / 0.033 µF	1000 pF / 0.027 µF	1000 pF / 0.01 µF	100 pF / 6800 pF
SV08/SV58	0.01 µF / 1.20 µF	0.01 µF / 0.68 µF	0.01 µF / 0.18 µF	1000 pF / 0.082 µF	1000 pF / 0.068 µF	1000 pF / 0.047 µF	1000 pF / 0.018 µF	1000 pF / 0.012 µF
SV09/SV59	0.10 µF / 1.80 µF	0.10 µF / 1.00 µF	0.01 µF / 0.27 µF	0.01 µF / 0.12 µF	0.01 µF / 0.10 µF	1000 pF / 0.068 µF	1000 pF / 0.027 µF	1000 pF / 0.018 µF
SV10	0.01 µF / 1.50 µF	0.01 µF / 0.82 µF	0.01 µF / 0.22 µF	0.01 µF / 0.10 µF	1000 pF / 0.082 µF	1000 pF / 0.056 µF	1000 pF / 0.022 µF	1000 pF / 0.022 µF
SV11	0.10 µF / 2.20 µF	0.10 µF / 1.2 µF	0.01 µF / 0.39 µF	0.01 µF / 0.18 µF	0.01 µF / 0.15 µF	0.01 µF / 0.10 µF	1000 pF / 0.039 µF	1000 pF / 0.027 µF
SV12	0.10 µF / 3.90 µF	0.10 µF / 2.20 µF	0.01 µF / 0.56 µF	0.01 µF / 0.27 µF	0.01 µF / 0.22 µF	0.01 µF / 0.15 µF	1000 pF / 0.056 µF	1000 pF / 0.033 µF
SV13/SV63	0.01 µF / 0.270 µF	0.01 µF / 0.10 µF	1000 pF / 0.033 µF	1000 pF / 0.012 µF	1000 pF / 0.01 µF	100 pF / 6800 pF	100 pF / 2700 pF	–
SV14/SV64	0.01 µF / 0.470 µF	0.01 µF / 0.18 µF	1000 pF / 0.068 µF	1000 pF / 0.022 µF	1000 pF / 0.018 µF	1000 pF / 0.015 µF	100 pF / 5600 pF	–
SV15/SV65	0.01 µF / 0.680 µF	0.01 µF / 0.33 µF	0.01 µF / 0.10 µF	1000 pF / 0.033 µF	1000 pF / 0.027 µF	1000 pF / 0.022 µF	1000 pF / 8200 pF	100 pF / 4700 pF
SV16/SV66	0.01 µF / 1.80 µF	0.01 µF / 1.0 µF	0.01 µF / 0.27 µF	0.01 µF / 0.12 µF	0.01 µF / 0.10 µF	1000 pF / 0.068 µF	1000 pF / 0.027 µF	1000 pF / 0.018 µF
SV17/SV67	0.01 µF / 2.20 µF	0.01 µF / 1.2 µF	0.01 µF / 0.39 µF	0.01 µF / 0.15 µF	0.01 µF / 0.12 µF	1000 pF / 0.082 µF	1000 pF / 0.039 µF	1000 pF / 0.027 µF

Note: Contact factory for other voltage ratings or values.