

# AVX Multilayer Ceramic Capacitors

RoHS Compliant This product is RoHS compliant.



## SXP SERIES HIGH TEMPERATURE MOLDED RADIAL MLC CAPACITORS

### Specifications:

- Low ESR, low ESL
- Low DC leakage
- Excellent high frequency performance
- Voltage available: 100, 500

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	Value (µF)	Tol. ±	Price Each			
					1	100	500	1000
581-SXP11C684KAA	SXP11C684KAA	A	0.68	10%	60.42	31.80	22.90	17.81
581-SXP47C105KAA	SXP47C105KAA	A	1	10%	140.32	73.85	53.17	41.35
581-SXP21C125KAA	SXP21C125KAA	A	1.2	10%	79.75	41.97	30.22	23.51
581-SXP31C185KAA	SXP31C185KAA	A	1.8	10%	89.73	47.22	34.00	26.45
581-SXP35C335KAA	SXP35C335KAA	A	3.3	10%	88.49	46.57	33.54	26.08
581-SXP41C565KAA	SXP41C565KAA	A	5.6	10%	136.28	71.25	51.62	40.17
581-SXP17C124KAA	SXP17C124KAA	A	12	10%	61.89	32.57	23.45	18.27
581-SXP27C224KAA	SXP27C224KAA	A	22	10%	82.60	43.47	31.30	24.35
581-SXP37C334KAA	SXP37C334KAA	A	33	10%	91.20	48.00	34.56	26.88

## SKYCAP® RADIAL CONFORMAL COATED CERAMIC CAPACITORS

### AR Series

### Specifications:

- Automotive applications
- Qualified: to AEC-Q200
- Case Material: Epoxy
- Lead Material: Solderable

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	Value (µF)	Tol. ±	Price Each			
					1	100	500	1000
<b>50 Volts - Temp. Coeff: COG (NP0)</b>								
581-AR215A101K4R	AR215A101K4R	B	100pF	10%	.44	.23	.168	.131
<b>50 Volts - Temp. Coeff: X7R</b>								
581-AR155C102K4R	AR155C102K4R	C	1000pF	10%	.31	.16	.117	.091
581-AR155C103K4R	AR155C103K4R	C	0.01	10%	.23	.16	.12	.093
581-AR155C153K4R	AR155C153K4R	C	0.015	10%	.23	.16	.12	.093
581-AR155C104K4R	AR155C104K4R	C	0.1	10%	.38	.20	.144	.112
581-AR215C104K4R	AR215C104K4R	B	0.1	10%	.48	.25	.18	.14
581-AR215C224K4R	AR215C224K4R	B	0.22	10%	1.16	.61	.44	.34
581-AR305C474K4R	AR305C474K4R	C	0.47	10%	2.35	1.23	.89	.69
<b>50 Volts - Temp. Coeff: X8R</b>								
581-AR215F102K4R	AR215F102K4R	B	1000pF	10%	.50	.26	.189	.147
581-AR215F103K4R	AR215F103K4R	B	0.01	10%	.50	.26	.189	.147
581-AR215F104K4R	AR215F104K4R	B	0.1µF	10%	.57	.30	.216	.168
<b>100 Volts - Temp. Coeff: COG (NP0)</b>								
581-AR211A101K4R	AR211A101K4R	B	100	10%	.44	.23	.168	.131
581-AR211A102K4R	AR211A102K4R	B	1000	10%	.51	.27	.194	.151
<b>100 Volts - Temp. Coeff: X7R</b>								
581-AR201C102K4R	AR201C102K4R	C	1000	10%	.44	.23	.168	.131
581-AR211C102K4R	AR211C102K4R	B	1000	10%	.42	.22	.158	.123
581-AR151C103K4R	AR151C103K4R	C	0.01µF	10%	.38	.20	.144	.112
581-AR201C103K4R	AR201C103K4R	C	0.01µF	10%	.44	.23	.168	.131
581-AR211C103K4R	AR211C103K4R	B	0.01µF	10%	.42	.22	.158	.123
581-AR201C104K4R	AR201C104K4R	C	0.1µF	10%	.51	.26	.191	.149
581-AR211C104K4R	AR211C104K4R	B	0.1µF	10%	.51	.26	.191	.149

### SR Series

### Specifications:

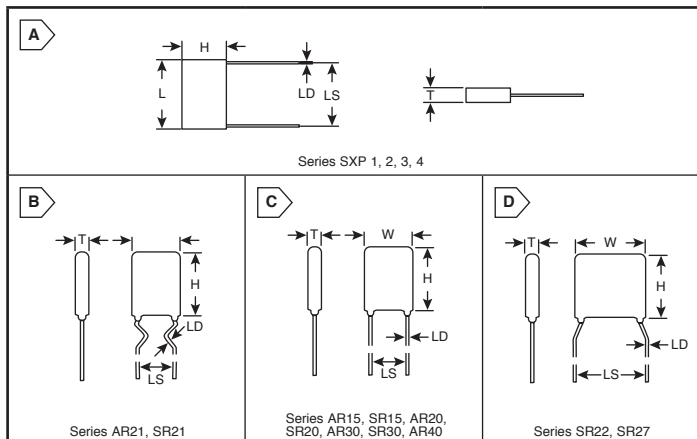
- Temperature Coefficients: COG (NP0), X7R, Z5U
- Lead Material: 24AWG Solid Copper Plated
- Case Material: Epoxy

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	Value (µF)	Tol. ±	Price Each			
					1	100	500	1000
<b>50 Volts - Temp. Coeff. COG (NP0)</b>								
581-SR275A100JAR	SR275A100JAR	D	10	5%	1.06	.54	.44	.40
581-SR215A180JAR	SR215A180JAR	B	18	5%	.40	.21	.17	.16
581-SR215A270JAR	SR215A270JAR	B	27	5%	.38	.28	.22	.204
581-SR215A151JAR	SR215A151JAR	B	150	5%	.38	.28	.22	.204
581-SR215A102JAR	SR215A102JAR	B	1000	5%	.37	.30	.24	.20
581-SR215A102KAR	SR215A102KAR	B	1000	10%	.98	.44	.36	.33
<b>100 Volts - Temp. Coeff. COG (NP0)</b>								
581-SR211A100JAR	SR211A100JAR	B	10	5%	.40	.21	.17	.16
581-SR151A100JAR	SR151A100JAR	C	10	5%	.19	.18	.136	.132
581-SR211A120JAR	SR211A120JAR	B	12	5%	.40	.21	.17	.16
581-SR151A120JAR	SR151A120JAR	C	12	5%	.23	.18	.136	.132
581-SR211A150JAR	SR211A150JAR	B	15	5%	.40	.21	.17	.16
581-SR151A150JAR	SR151A150JAR	C	15	5%	.23	.18	.136	.132
581-SR211A150KAR	SR211A150KAR	B	15	10%	.19	.16	.145	.13
581-SR211A180JAR	SR211A180JAR	B	18	5%	.40	.21	.17	.16
581-SR151A180JAR	SR151A180JAR	C	18	5%	.23	.18	.136	.132
581-SR211A220JAR	SR211A220JAR	B	22	5%	.26	.15	.108	.104
581-SR221A220JAR	SR221A220JAR	D	22	5%	1.06	.54	.44	.40
581-SR151A220JAR	SR151A220JAR	C	22	5%	.23	.18	.136	.132
581-SR271A220KAR	SR271A220KAR	D	22	10%	.95	.34	.32	.29
581-SR211A270JAR	SR211A270JAR	B	27	5%	.38	.28	.22	.204
581-SR151A270JAR	SR151A270JAR	C	27	5%	.23	.18	.136	.132
581-SR211A330JAR	SR211A330JAR	B	33	5%	.38	.28	.22	.204
581-SR151A330JAR	SR151A330JAR	C	33	5%	.23	.18	.136	.132
581-SR151A390JAR	SR151A390JAR	C	39	5%	.23	.18	.136	.132
581-SR211A470JAR	SR211A470JAR	B	47	5%	.38	.28	.22	.204
581-SR151A470JAR	SR151A470JAR	C	47	5%	.23	.18	.136	.132
581-SR211A470KAR	SR211A470KAR	B	47	10%	.23	.18	.136	.132
581-SR211A560JAR	SR211A560JAR	B	56	5%	.34	.28	.22	.204
581-SR151A560JAR	SR151A560JAR	C	56	5%	.23	.18	.136	.132
581-SR151A680JAR	SR151A680JAR	C	68	5%	.23	.18	.154	.132
581-SR211A680KAR	SR211A680KAR	B	68	10%	.23	.18	.136	.132
581-SR211A820JAR	SR211A820JAR	B	82	5%	.38	.28	.22	.204



AVX Style	DIMENSIONS: mm (in.)										
	SXP1	SXP2	SXP3	SXP4	AR15/SR15	AR20/SR20	AR21/SR21	SR22	SR27	AR30/SR30	AR40
(W) Width (L) Length	7.62 (.300)	10.2 (.402)	12.7 (.500)	22.4 (.880)	3.81 (.150)	5.08 (.200)	5.08 (.200)	5.08 (.200)	6.604 (.26)	7.62 (.30)	10.16 (.40)
(H) Height	7.62 (.300)	10.2 (.402)	12.7 (.500)	16.3 (.641)	3.81 (.15)	5.08 (.200)	5.08 (.200)	5.08 (.200)	6.35 (.25)	7.62 (.30)	10.16 (.40)
(T) Thickness	3.81 (.150)	5.08 (.200)	5.08 (.200)	5.84 (.230)	2.54 (.10)	3.175 (.125)	3.175 (.125)	3.175 (.125)	4.06 (.16)	3.81 (.15)	3.81 (.15)
(LS) Lead Spacing	6.35 (.25)	8.38 (.330)	10.2 (.402)	19.8 (.780)	2.54 (.10)	2.54 (.10)	5.08 (.20)	6.35 (.25)	7.62 (.30)	5.08 (.20)	5.08 (.20)
(LD) Lead Diameter	0.64 (.025)	0.64 (.025)	0.64 (.025)	0.64 (.025)	0.508 (.02)	0.508 (.02)	0.508 (.02)	0.508 (.02)	0.508 (.02)	0.508 (.02)	0.508 (.02)



## SKYCAP® RADIAL CONFORMAL COATED CERAMIC CAPACITORS (CONT.)

### SR Series (Cont.)

### Specifications:

- Temperature Coefficients: COG (NP0), X7R, Z5U
- Lead Material: 24AWG Solid Copper Plated
- Case Material: Epoxy

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig.	Value (pF)	Tol. ±	Price Each			
					1	100	500	1000
<b>100 Volts - Temp. Coeff. COG (NP0) (Cont.)</b>								
581-SR151A820JAR	SR151A820JAR	C	82	5%	.23	.18	.136	.132
581-SR211A101JAR	SR211A101JAR	B	100	5%	.38	.28	.22	.18
581-SR151A101JAR	SR151A101JAR	C	100	5%	.23	.121	.087	.067
581-SR211A101KAR	SR211A101KAR	B	100	10%	.40	.21	.17	.16
581-SR151A121JAR	SR151A121JAR	C	120	5%	.40	.21	.17	.16
581-SR151A151JAR	SR151A151JAR	C	150	5%	.40	.21	.17	.16
581-SR211A181JAR	SR211A181JAR	B	180	5%	.38	.28	.22	.204
581-SR151A181JAR	SR151A181JAR	C	180	5%	.40	.21	.17	.16
581-SR211A221JAR	SR211A221JAR	B	220	5%	.38	.25	.214	.18
581-SR151A221JAR	SR151A221JAR	C	220	5%	.19	.087	.078	.068
581-SR151A271JAR	SR151A271JAR	C	270	5%	.41	.28	.23	.194
581-SR211A331JAR	SR211A331JAR	B	330	5%	.38	.28	.22	.204
581-SR211A331JAR	SR211A331JAR	D	330	5%	1.37	.88	.85	.80
581-SR151A331JAR	SR151A331JAR	C	330	5%	.41	.28	.23	.194
581-SR151A391JAR	SR151A391JAR	C	390	5%	.41	.28	.23	.194
581-SR211A471JAR	SR211A471JAR	B	470	5%	.26	.225	.162	.134
581-SR151A471JAR	SR151A471JAR	C	470	5%	.38	.22	.19	.16
581-SR211A471KAR	SR211A471KAR	B	470	10%	.40	.21	.17	.16
581-SR211A561JAR	SR211A561JAR	B	560	5%	.38	.28	.22	.204
581-SR151A561JAR	SR151A561JAR	C	560	5%	.38	.28	.22	.204
581-SR211A561KAR	SR211A561KAR	B	560	10%	.40	.21	.17	.16
581-SR211A681JAR	SR211A681JAR	B	680	5%	.38	.28	.22	.204
581-SR151A681JAR	SR151A681JAR	C	680	5%	.38	.28	.22	.204
581-SR211A102JAR	SR211A102JAR	B	1000	5%	.26	.13	.10	.078
581-SR221A102JAR	SR221A102JAR	D	1000	5%	1.45	.93	.90	.85
581-SR201A102JAR	SR201A102JAR	C	1000	5%	.29	.154	.111	.086
581-SR211A102KAR	SR211A102KAR	B	1000	10%	.98	.44	.36	.33
581-SR201A122JAR	SR201A122JAR	C	1200	5%	.86	.82	.74	.68