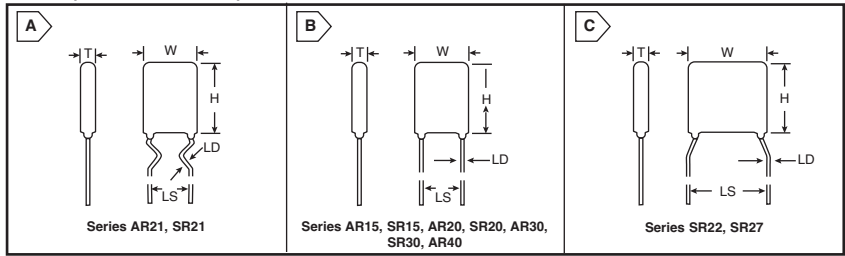


# AVX Multilayer Ceramic Capacitors



RoHS Compliant This product is RoHS compliant.

DIMENSIONS: mm (in.)							
AVX Style	AR15/ SR15	AR20/ SR20	AR21/ SR21	SR22	SR27	AR30/ SR30	AR40
(W) Width	3.81 (0.150)	5.08 (0.200)	5.08 (0.200)	5.08 (0.200)	6.604 (0.260)	7.62 (0.300)	10.16 (.400)
(H) Height	3.81 (0.150)	5.08 (0.200)	5.08 (0.200)	5.08 (0.200)	6.35 (0.250)	7.62 (0.300)	10.16 (.400)
(T) Thickness	2.54 (0.100)	3.175 (0.125)	3.175 (0.125)	3.175 (0.125)	4.06 (0.160)	3.81 (0.150)	3.81 (.150)
(L.S.) Lead Spacing	2.54 (0.100)	2.54 (0.100)	5.08 (0.200)	6.35 (0.250)	7.62 (0.300)	5.08 (0.200)	5.08 (.200)
(L.D.) Lead Dia.	0.508 (0.020)	0.508 (0.020)	0.508 (0.020)	0.508 (0.020)	0.508 (0.020)	0.508 (0.020)	0.508 (.020)



## AVX SKYCAP® AR SERIES AUTOMOTIVE RADIAL CONFORMAL COATED CERAMIC CAPACITORS

### Specifications:

- Conformally Coated Radial Leaded MLC
- Temperature Coefficients: COG (NP0), X7R, X8
- Case Material: Epoxy
- Lead Material: Solderable
- Qualified: to AEC-Q200
- Temperature Range: up to 150°C



RoHS Compliant

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig	Temp Coef	Value (uF)	Tol. ±	Price Each			
						1	100	500	1000
<b>50 Volts</b>									
581-AR215A101K4R	AR215A101K4R	A	COG	100pF	10%	.33	.24	.17	.15
581-AR155C102K4R	AR155C102K4R	B	X7R	1000pF	10%	.23	.16	.12	.10
581-SR215A270JAR	SR215A270JAR	B	X7R	0.01	10%	.23	.17	.12	.11
581-AR155C153K4R	AR155C153K4R	B	X7R	0.015	10%	.23	.17	.12	.11
581-AR155C104K4R	AR155C104K4R	B	X7R	0.1	10%	.28	.20	.14	.13
581-AR215C104K4R	AR215C104K4R	A	X7R	0.1	10%	.35	.25	.18	.16
581-AR215C224K4R	AR215C224K4R	A	X7R	0.22	10%	.86	.61	.44	.39
581-AR305C474K4R	AR305C474K4R	B	X7R	0.47	10%	1.73	1.24	.89	.79
581-AR215F102K4R	AR215F102K4R	A	X8R	1000pF	10%	.37	.26	.19	.17
581-AR215F103K4R	AR215F103K4R	A	X8R	0.01	10%	.45	.18	.144	.142
581-AR215F104K4R	AR215F104K4R	A	X8R	0.1	10%	.42	.30	.22	.19

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig	Temp Coef	Value (uF)	Tol. ±	Price Each			
						1	100	500	1000
<b>100 Volts</b>									
581-AR211A101K4R	AR211A101K4R	A	COG	100pF	10%	.33	.24	.17	.15
581-AR211A102K4R	AR211A102K4R	A	COG	1000pF	10%	.38	.27	.19	.17
581-AR151C102K4R	AR151C102K4R	B	X7R	1000pF	10%	.23	.17	.12	.11
581-AR201C102K4R	AR201C102K4R	B	X7R	1000pF	10%	.33	.24	.17	.15
581-AR211C102K4R	AR211C102K4R	A	X7R	1000pF	10%	.31	.22	.16	.14
581-AR151C103K4R	AR151C103K4R	B	X7R	0.01	10%	.28	.20	.14	.13
581-AR201C103K4R	AR201C103K4R	B	X7R	0.01	10%	.33	.24	.17	.15
581-AR211C103K4R	AR211C103K4R	A	X7R	0.01	10%	.31	.22	.16	.14
581-AR201C104K4R	AR201C104K4R	B	X7R	0.1	10%	.37	.27	.19	.17
581-AR211C104K4R	AR211C104K4R	A	X7R	0.1	10%	.37	.27	.19	.17
581-AR401C105K4R	AR401C105K4R	B	X7R	1.0	10%	6.64	4.75	3.42	3.04

## AVX SKYCAP® SR SERIES RADIAL CONFORMAL COATED CERAMIC CAPACITORS

### Specifications:

- Conformally Coated Radial Leaded MLC
- Temperature Coefficients: COG (NP0), X7R, Z5U
- Case Material: Epoxy
- Lead Material: 24 AWG solid copper-plated



RoHS Compliant

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig	Value (pF)	Tol. ±	Price Each			
					1	100	500	1000
<b>COG</b>								
<b>50 Volts</b>								
581-SR275A100JAR	SR275A100JAR	C	10	5%	.32	.27	.22	.18
581-SR215A180JAR	SR215A180JAR	A	18	5%	.26	.22	.18	.14
581-SR215A120JAR	SR215A120JAR	A	27	5%	.33	.28	.22	.18
581-SR215A151JAR	SR215A151JAR	A	150	5%	.33	.28	.22	.18
581-SR215A391JAR	SR215A391JAR	A	390	5%	.33	.28	.22	.18
581-SR215A102JAR	SR215A102JAR	A	1000	5%	.37	.31	.25	.20
581-SR215A102KAR	SR215A102KAR	A	1000	10%	.30	.25	.20	.16
<b>100 Volts</b>								
581-SR211A100JAR	SR211A100JAR	A	10	5%	.26	.22	.18	.14
581-SR151A100JAR	SR151A100JAR	B	10	5%	.23	.19	.16	.132
581-SR211A120JAR	SR211A120JAR	A	12	5%	.26	.22	.18	.14
581-SR151A120JAR	SR151A120JAR	B	12	5%	.23	.19	.16	.132
581-SR211A150JAR	SR211A150JAR	A	15	5%	.26	.22	.18	.14
581-SR151A150JAR	SR151A150JAR	B	15	5%	.23	.19	.16	.132
581-SR211A150KAR	SR211A150KAR	A	15	10%	.20	.17	.13	.11
581-SR211A180JAR	SR211A180JAR	A	18	5%	.26	.22	.18	.14
581-SR151A180JAR	SR151A180JAR	B	18	5%	.23	.19	.16	.132
581-SR211A220JAR	SR211A220JAR	A	22	5%	.26	.22	.18	.14
581-SR221A220JAR	SR221A220JAR	C	22	5%	.32	.27	.22	.18
581-SR151A220JAR	SR151A220JAR	B	22	5%	.23	.19	.16	.132
581-SR271A220KAR	SR271A220KAR	C	22	10%	.29	.24	.19	.16
581-SR211A270JAR	SR211A270JAR	A	27	5%	.33	.28	.22	.18
581-SR151A270JAR	SR151A270JAR	B	27	5%	.23	.19	.16	.132
581-SR211A330JAR	SR211A330JAR	A	33	5%	.33	.28	.22	.18
581-SR151A330JAR	SR151A330JAR	B	33	5%	.23	.19	.16	.132
581-SR151A390JAR	SR151A390JAR	B	39	5%	.23	.19	.16	.132
581-SR211A470JAR	SR211A470JAR	A	47	5%	.33	.28	.22	.18
581-SR151A470JAR	SR151A470JAR	B	47	5%	.23	.19	.16	.132
581-SR211A470KAR	SR211A470KAR	A	47	10%	.23	.19	.16	.13
581-SR211A560JAR	SR211A560JAR	A	56	5%	.33	.28	.22	.18
581-SR151A560JAR	SR151A560JAR	B	56	5%	.23	.19	.16	.132
581-SR151A680JAR	SR151A680JAR	B	68	5%	.23	.19	.16	.132
581-SR211A680KAR	SR211A680KAR	A	68	10%	.23	.19	.16	.13
581-SR211A820JAR	SR211A820JAR	A	82	5%	.33	.28	.22	.18
581-SR151A820JAR	SR151A820JAR	B	82	5%	.23	.19	.16	.132
581-SR211A101JAR	SR211A101JAR	A	100	5%	.33	.28	.22	.18
581-SR151A101JAR	SR151A101JAR	B	100	5%	.33	.30	.162	.132
581-SR211A101KAR	SR211A101KAR	A	100	10%	.26	.22	.18	.14
581-SR151A121JAR	SR151A121JAR	B	120	5%	.26	.22	.18	.14
581-SR151A151JAR	SR151A151JAR	B	150	5%	.26	.22	.18	.148
581-SR211A181JAR	SR211A181JAR	A	180	5%	.33	.28	.22	.18

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	AVX Part No.	Fig	Value (pF)	Tol. ±	Price Each			
					1	100	500	1000
<b>COG (Cont.)</b>								
<b>100 Volts (Cont.)</b>								
581-SR151A181JAR	SR151A181JAR	B	180	5%	.26	.22	.18	.148
581-SR211A221JAR	SR211A221JAR	A	220	5%	.33	.28	.22	.18
581-SR151A221JAR	SR151A221JAR	B	220	5%	.30	.24	.206	.148
581-SR151A271JAR	SR151A271JAR	B	270	5%	.27	.23	.18	.15
581-SR211A331JAR	SR211A331JAR	A	330	5%	.33	.28	.22	.18
581-SR151A331JAR	SR151A331JAR	B	330	5%	.27	.23	.18	.15
581-SR151A391JAR	SR151A391JAR	B	390	5%	.27	.23	.18	.15
581-SR211A471JAR	SR211A471JAR	A	470	5%	.33	.28	.22	.18
581-SR151A471JAR	SR151A471JAR	B	470	5%	.29	.25	.20	.16
581-SR211A471KAR	SR211A471KAR	A	470	10%	.26	.22	.18	.14
581-SR211A561JAR	SR211A561JAR	A	560	5%	.33	.28	.22	.18
581-SR151A561JAR	SR151A561JAR	B	560	5%	.33	.28	.22	.191
581-SR211A561KAR	SR211A561KAR	A	560	10%	.26	.22	.18	.14
581-SR211A681JAR	SR211A681JAR	A	680	5%	.33	.28	.22	.18
581-SR151A681JAR	SR151A681JAR	B	680	5%	.33	.28	.22	.191
581-SR271A681KAR	SR271A681KAR	C	680	10%	.32	.27	.22	.18
581-SR211A102JAR	SR211A102JAR	A	1000	5%	.17	.14	.12	.09
581-SR221A102JAR	SR221A102JAR	C	1000	5%	.46	.38	.31	.25
581-SR201A102JAR	SR201A102JAR	B	1000	5%	.29	.26	.24	.211
581-SR211A102KAR	SR211A102KAR	A	1000	10%	.30	.25	.20	.16
581-SR201A122JAR	SR201A122JAR	B	1200	5%	.86	.82	.68	.233
581-SR211A152JAR	SR211A152JAR	A	1500	5%	.55	.46	.37	.30
581-SR201A152JAR	SR201A152JAR	B	1500	5%	.55	.46	.408	.318
581-SR211A152KAR	SR211A152KAR	A	1500	10%	.33	.28	.22	.18
581-SR201A182JAR	SR201A182JAR	B	1800	5%	.62	.52	.42	.30
581-SR211A222JAR	SR211A222JAR	A	2200	5%	.66	.55	.44	.35
581-SR201A222JAR	SR201A222JAR	B	2200	5%	.66	.55	.44	.35
581-SR201A332JAR	SR201A332JAR	B	3300	5%	.73	.61	.49	.39
581-SR211A472JAR	SR211A472JAR	A	4700	5%	.76	.64	.51	.41
581-SR201A472JAR	SR201A472JAR	B	4700	5%	.76	.64	.51	.41
581-SR211A472KAR	SR211A472KAR	A	4700	10%	.59	.49	.39	.32
581-SR201A562JAR	SR201A562JAR	B	5600	5%	.81	.67	.556	.466
581-SR301A682JAR	SR301A682JAR	B	6800	5%	1.06	.88	.71	.57
581-SR301A822JAR	SR301A822JAR	B	8200	5%				