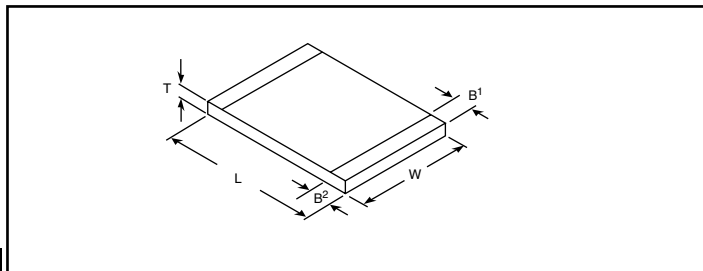


AVX 0201, 0402, 0603, 0805 Capacitors



Dimensions: mm (in.)				
	0201*	0402*	0603*	0805*
L	0.60 ± 0.05 (.023 ± .002)	1.00 ± 0.1 (.039 ± .004)	1.60 ± 0.1 (.063 ± .004)	2.01 ± 0.1 (.079 ± .004)
W	0.325 ± 0.050 (.0128 ± .002)	0.55 ± 0.07 (.022 ± .003)	0.81 ± 0.1 (.032 ± .004)	1.27 ± 0.1 (.050 ± .004)
T	0.225 ± 0.050 (.009 ± .002)	0.40 ± 0.1 (.016 ± .004)	0.63 ± 0.1 (.025 ± .004)	0.93 ± 0.2 (.036 ± .008)
B ¹	.10 ± 0.10 (.004 ± .004)	----	0.35 ± 0.15 (.014 ± .006)	0.30 ± 0.1 (.012 ± .004)
B ²	0.15 ± 0.05 (.006 ± .002)	0.20 ± 0.1 (.008 ± .004)	0.35 ± 0.15 (.014 ± .006)	0.30 ± 0.1 (.012 ± .004)

* Mount black side up.

AVX ACCU-P® THIN-FILM RF / MICROWAVE CAPACITORS

Features:

- Minimal batch to batch variability of parameters at high frequency.
- Low ESR, High Q, Low Capacitance
- Inspected, test and quality control procedures in accordance with ISO 9001, CECC, IECQ, USA MIL Standards guarantee product of the highest quality.
- Preferred device in R & D labs and production environment where hand soldering is used.

Electrical Specifications:

- Temperature range: -55°C to +125°C
- Temperature Coef.: 0 ± 30ppm/°C dielectric code "J"
- Cap. measurement: 1MHz, 1Vrms
- Insulation resistance: ≥ 10¹¹ Ohms (≥ 10¹⁰ Ohms for 0201 and 0402 size)
- Proof voltage: 2.5 U_R for 5 secs.
- Aging Characteristics: Zero
- Dielectric Absorption: 0.01%

Applications:

- Cellular Communications
- Vehicle Location Systems
- Video Switching
- CT2/PCN
- Vehicle Alarm Systems
- Test and Measurements
- Satellite, Cable TV
- Paging
- Filters
- RF Amplifiers
- Military Communications
- VCOs
- GPS
- Radar Systems
- Matching Networks

Style 0201

- Temperature Coefficient: C0G

For quantities of 10,000 and up, call for quote.

MOUSER STOCK NO.	AVX Part No.	Cap. (pF)	Volt. (DC)	Tol. (pF)	Price Each			Reel Qty.	Piece Price
					1	50	100		
581-02013J0R8BBW	02013J0R8BBWTR	0.8	25	0.1				5000	
581-02013J0R9BBW	02013J0R9BBWTR	0.9	25	0.1				5000	
581-02013J1R8BBW	02013J1R8BBWTR	1.8	25	0.1				5000	
581-02013J2R0BBW	02013J2R0BBWTR	2.0	25	0.1				5000	
581-02013J2R2BBW	02013J2R2BBWTR	2.2	25	0.1				5000	
581-02013J2R4BBW	02013J2R4BBWTR	2.4	25	0.1				5000	
581-02013J2R7BBW	02013J2R7BBWTR	2.7	25	0.1				5000	

Style 0603 (cont.)

- Temperature Coefficient: C0G

For quantities of 10,000 and up, call for quote.

MOUSER STOCK NO.	AVX Part No.	Cap. (pF)	Volt. (DC)	Tol. (pF)	Price Each			Reel Qty.	Piece Price
					1	50	100		
581-06035J0R8BBT	06035J0R8BBTTR	0.8	50	0.1				3000	
581-06035J0R9PBT	06035J0R9PBTTR	0.9	50	0.02				3000	
581-06035J1R0BBT	06035J1R0BBTTR	1.0	50	0.1				3000	
581-06035J1R0PBT	06035J1R0PBTTR	1.0	50	0.02				3000	
581-06035J1R1BBT	06035J1R1BBTTR	1.1	50	0.1				3000	
581-06035J1R2PBT	06035J1R2PBTTR	1.2	50	0.02				3000	
581-06035J1R5BBT	06035J1R5BBTTR	1.5	50	0.1				3000	
581-06035J1R6ABT	06035J1R6ABTTR	1.6	50	0.05				3000	
581-06035J1R8BBT	06035J1R8BBTTR	1.8	50	0.1				3000	
581-06035J1R8PBT	06035J1R8PBTTR	1.8	50	0.02				3000	
581-06035J2R0ABT	06035J2R0ABTTR	2.0	50	0.05				3000	
581-06035J2R0BBT	06035J2R0BBTTR	2.0	50	0.1				3000	
581-06035J2R2ABT	06035J2R2ABTTR	2.2	50	0.05				3000	
581-06035J2R2BBT	06035J2R2BBTTR	2.2	50	0.1				3000	
581-06035J2R4BBT	06035J2R4BBTTR	2.4	50	0.1				3000	
581-06035J2R7BBT	06035J2R7BBTTR	2.7	50	0.1				3000	
581-06035J3R0ABT	06035J3R0ABTTR	3.0	50	0.05				3000	
581-06035J3R0BBT	06035J3R0BBTTR	3.0	50	0.1				3000	
581-06035J3R3ABT	06035J3R3ABTTR	3.3	50	0.05				3000	
581-06035J3R3BBT	06035J3R3BBTTR	3.3	50	0.1				3000	
581-06035J3R9BBT	06035J3R9BBTTR	3.9	50	0.1				3000	
581-06035J4R3BBT	06035J4R3BBTTR	4.3	50	0.1				3000	
581-06035J4R7BBT	06035J4R7BBTTR	4.7	50	0.1				3000	
581-06035J4R7ABT	06035J4R7ABTTR	4.7	50	0.05				3000	
581-06035J5R6BBT	06035J5R6BBTTR	5.6	50	0.1				3000	
581-06035J6R8BBT	06035J6R8BBTTR	6.8	50	0.1				3000	
581-06035J8R2BBT	06035J8R2BBTTR	8.2	50	0.1				3000	
581-06035J100FBT	06035J100FBTTR	10	50	1%				3000	
581-06033J100FBT	06033J100FBTTR	10	25	1%				3000	
581-06035J120FBT	06035J120FBTTR	12	50	1%				3000	
581-06033J130FBT	06033J130FBTTR	13	25	1%				3000	
581-06033J160FBT	06033J160FBTTR	16	25	1%				3000	

Style 0402

- Temperature Coefficient: C0G

For quantities of 10,000 and up, call for quote.

MOUSER STOCK NO.	AVX Part No.	Cap. (pF)	Volt. (DC)	Tol. (pF)	Price Each			Reel Qty.	Piece Price
					1	50	100		
581-04023J1R0BBW	04023J1R0BBWTR	1.0	25	0.1				5000	
581-04023J1R5BBW	04023J1R5BBWTR	1.5	25	0.1				5000	
581-04023J1R6BBW	04023J1R6BBWTR	1.6	25	0.1				5000	
581-04023J1R8BBW	04023J1R8BBWTR	1.8	25	0.1				5000	
581-04023J2R2BBW	04023J2R2BBWTR	2.2	25	0.1				5000	
581-04023J2R8CBW	04023J2R8CBWTR	2.8	10	0.25				5000	
581-04023J3R0BBW	04023J3R0BBWTR	3.0	25	0.1				5000	
581-04023J3R3BBW	04023J3R3BBWTR	3.3	25	0.1				5000	
581-04023J3R6BBW	04023J3R6BBWTR	3.6	25	0.1				5000	
581-04023J3R9BBW	04023J3R9BBWTR	3.9	25	0.1				5000	
581-04023J3R9BBW	04023J3R9BBWTR	3.9	16	0.1				5000	
581-04023J4R3CBW	04023J4R3CBWTR	4.3	10	0.25				5000	
581-04023J4R7BBW	04023J4R7BBWTR	4.7	25	0.1				5000	
581-04023J4R7CBW	04023J4R7CBWTR	4.7	10	0.25				5000	
581-04023J5R6BBW	04023J5R6BBWTR	5.6	25	0.1				5000	
581-04023J6R8BBW	04023J6R8BBWTR	6.8	25	0.1				5000	
581-04023J7R5BBW	04023J7R5BBWTR	7.5	25	0.1				5000	
581-04023J8R2BBW	04023J8R2BBWTR	8.2	10	0.1				5000	
581-04023J100FBW	04023J100FBWTR	10	16	1%				5000	
581-04023J120FBW	04023J120FBWTR	12	10	1%				5000	

Style 0603

- Temperature Coefficient: C0G

For quantities of 10,000 and up, call for quote.

MOUSER STOCK NO.	AVX Part No.	Cap. (pF)	Volt. (DC)	Tol. (pF)	Price Each			Reel Qty.	Piece Price
					1	50	100		
581-06035J0R2ABT	06035J0R2ABTTR	0.2	50	0.05				3000	
581-06035J0R2BBT	06035J0R2BBTTR	0.2	50	0.1				3000	
581-06031J0R3ABT	06031J0R3ABTTR	0.3	100	0.05				3000	
581-06035J0R3BBT	06035J0R3BBTTR	0.3	50	0.1				3000	
581-06035J0R3PBT	06035J0R3PBTTR	0.3	50	0.02				3000	
581-06035J0R4BBT	06035J0R4BBTTR	0.4	50	0.1				3000	
581-06035J0R5BBT	06035J0R5BBTTR	0.5	50	0.1				3000	
581-06035J0R7PBT	06035J0R7PBTTR	0.7	50	0.02				3000	
581-06035J0R7BBT	06035J0R7BBTTR	0.7	50	0.1				3000	

- Temperature Coefficient: C0G

For quantities of 10,000 and up, call for quote.

MOUSER STOCK NO.	AVX Part No.	Cap. (pF)	Volt. (DC)	Tol. (pF)	Price Each			Reel Qty.	Piece Price
					1	50	100		
581-06031J0R2AAW	06031J0R2AAWTR	0.2	100	0.05				3000	
581-06035K0R3AAW	06035K0R3AAWTR	0.3	50	0.05				3000	
581-06035J1R5AAW	06035J1R5AAWTR	1.5	50	0.05				3000	
581-06035J1R8AAW	06035J1R8AAWTR	1.8	50	0.05				3000	
581-06035J4R7AAW	06035J4R7AAWTR	4.7	50	0.05				3000	
581-06035J100GAW	06035J100GAWTR	10	50	2%				3000	
581-06035K100GAW	06035K100GAWTR	10	50	2%				3000	
581-06035J120FAW	06035J120FAWTR	12	50	1%				3000	
581-06035K150GAW	06035K150GAWTR	15	50	2%				3000	
581-06035K220GAW	06035K220GAWTR	22	50	2%				3000	