

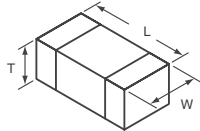
Size Code	VW DC	Capacitance	Tolerance	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		AVX Part No.
					10	100	500		Qty.	Pricing	
0805	250V	10pF	±5%	478-4080-1-ND◆	15.17	89.66	258.64	478-4080-2-ND◆	4,000	248.30/M	SQCFVA100JATME
		47pF	±5%	478-4081-1-ND◆	15.97	94.38	272.25	478-4081-2-ND◆	4,000	261.36/M	SQCFVA470JATME
		240pF	±5%	478-4082-1-ND◆	23.08	136.38	393.40	478-4082-2-ND◆	4,000	377.52/M	SQCFVA24JATME
		1.0pF	±10pF	478-2621-1-ND*	21.16	192.39	865.76	478-2621-2-ND	2,000	1154.34/M	SQCB7M1R0BAJME
		1.2pF	±10pF	478-2622-1-ND*	21.16	192.39	865.76	478-2622-2-ND	2,000	1154.34/M	SQCB7M1R2BAJME
		1.5pF	±10pF	478-2623-1-ND*	21.16	192.39	865.76	478-2623-2-ND	2,000	1154.34/M	SQCB7M1R5BAJME
		1.8pF	±10pF	478-2624-1-ND*	8.15	74.05	333.23	478-2624-2-ND	2,000	444.31/M	SQCB7M1R8BAJME
		2.0pF	±10pF	478-2625-1-ND*	8.15	74.05	333.23	478-2625-2-ND	2,000	444.31/M	SQCB7M2R0BAJME
		2.2pF	±10pF	478-2626-1-ND*	8.15	74.05	333.23	478-2626-2-ND	2,000	444.31/M	SQCB7M2R2BAJME
		2.4pF	±10pF	478-2627-1-ND*	8.15	74.05	333.23	478-2627-2-ND	2,000	444.31/M	SQCB7M2R4BAJME
		2.7pF	±10pF	478-2628-1-ND*	21.16	192.39	865.76	478-2628-2-ND	2,000	1154.34/M	SQCB7M2R7BAJME
		3.0pF	±10pF	478-2629-1-ND*	21.96	199.65	898.43	478-2629-2-ND	2,000	1197.90/M	SQCB7M3R0BAJME
3.3pF	±10pF	478-2630-1-ND*	8.15	74.05	333.23	478-2630-2-ND	2,000	444.31/M	SQCB7M3R3BAJME		
3.9pF	±25pF	478-2631-1-ND*	9.79	88.94	400.21	478-2631-2-ND	2,000	533.61/M	SQCB7M3R9CAJME		
4.7pF	±25pF	478-2632-1-ND*	9.79	88.94	400.21	478-2632-2-ND	2,000	533.61/M	SQCB7M4R7CAJME		
5.6pF	±25pF	478-2633-1-ND*	9.79	88.94	400.21	478-2633-2-ND	2,000	533.61/M	SQCB7M5R6CAJME		
6.8pF	±25pF	478-2634-1-ND*	11.38	103.46	465.55	478-2634-2-ND	2,000	620.73/M	SQCB7M6R8CAJME		
8.2pF	±25pF	478-2635-1-ND*	10.22	92.93	418.18	478-2635-2-ND	2,000	557.57/M	SQCB7M8R2CAJME		
1210	500V	10pF	±5%	478-2636-1-ND*	8.78	79.86	359.37	478-2636-2-ND	2,000	479.16/M	SQCB7M100JAJME
		12pF	±5%	478-2637-1-ND*	8.78	79.86	359.37	478-2637-2-ND	2,000	479.16/M	SQCB7M120JAJME
		15pF	±5%	478-2638-1-ND*	8.78	79.86	359.37	478-2638-2-ND	2,000	479.16/M	SQCB7M150JAJME
		18pF	±5%	478-2639-1-ND*	8.31	75.50	339.77	478-2639-2-ND	2,000	453.03/M	SQCB7M180JAJME
		20pF	±5%	478-2640-1-ND*	8.78	79.86	359.37	478-2640-2-ND	2,000	479.16/M	SQCB7M200JAJME
		22pF	±5%	478-2641-1-ND*	8.31	75.50	339.77	478-2641-2-ND	2,000	453.03/M	SQCB7M220JAJME
		24pF	±5%	478-2642-1-ND*	8.78	79.86	359.37	478-2642-2-ND	2,000	479.16/M	SQCB7M240JAJME
		27pF	±5%	478-2643-1-ND*	8.31	75.50	339.77	478-2643-2-ND	2,000	453.03/M	SQCB7M270JAJME
		30pF	±5%	478-2644-1-ND*	9.18	83.49	375.71	478-2644-2-ND	2,000	500.94/M	SQCB7M300JAJME
		33pF	±5%	478-2645-1-ND*	9.18	83.49	375.71	478-2645-2-ND	2,000	500.94/M	SQCB7M330JAJME
		39pF	±5%	478-2646-1-ND*	8.31	75.50	339.77	478-2646-2-ND	2,000	453.03/M	SQCB7M390JAJME
		47pF	±5%	478-2647-1-ND*	9.98	90.75	408.38	478-2647-2-ND	2,000	544.50/M	SQCB7M470JAJME
56pF	±5%	478-2648-1-ND*	9.98	90.75	408.38	478-2648-2-ND	2,000	544.50/M	SQCB7M560JAJME		
68pF	±5%	478-2649-1-ND*	8.31	75.50	339.77	478-2649-2-ND	2,000	453.03/M	SQCB7M680JAJME		
82pF	±5%	478-2650-1-ND*	8.31	75.50	339.77	478-2650-2-ND	2,000	453.03/M	SQCB7M820JAJME		
100pF	±5%	478-2651-1-ND*	8.31	75.50	339.77	478-2651-2-ND	2,000	453.03/M	SQCB7M101JAJME		
120pF	±5%	478-2652-1-ND*	8.31	75.50	339.77	478-2652-2-ND	2,000	453.03/M	SQCB9M121JAJME		
150pF	±5%	478-2653-1-ND*	8.31	75.50	339.77	478-2653-2-ND	2,000	453.03/M	SQCB9M151JAJME		
180pF	±5%	478-2654-1-ND*	8.31	75.50	339.77	478-2654-2-ND	2,000	453.03/M	SQCB9M181JAJME		
200pF	±5%	478-2655-1-ND*	8.31	75.50	339.77	478-2655-2-ND	2,000	453.03/M	SQCB9M201JAJME		
200V	300V	220pF	±5%	478-2656-1-ND*	8.31	75.50	339.77	478-2656-2-ND	2,000	453.03/M	SQCB2M221JAJME
		270pF	±5%	478-2658-1-ND*	8.31	75.50	339.77	478-2658-2-ND	2,000	453.03/M	SQCB2M271JAJME
		330pF	±5%	478-2660-1-ND*	8.31	75.50	339.77	478-2660-2-ND	2,000	453.03/M	SQCB2M331JAJME
		390pF	±5%	478-2661-1-ND*	8.31	75.50	339.77	478-2661-2-ND	2,000	453.03/M	SQCB2M391JAJME
		470pF	±5%	478-2662-1-ND*	8.31	75.50	339.77	478-2662-2-ND	2,000	453.03/M	SQCB2M471JAJME
		560pF	±10%	478-2663-1-ND*	12.58	114.35	514.55	478-2663-2-ND	2,000	686.07/M	SQCBEM561KAJME
680pF	±10%	478-2664-1-ND*	5.91	53.72	241.76	478-2664-2-ND	1,000	322.34	SQCBEM681KAJME		
820pF	±10%	478-2665-1-ND*	15.17	137.94	620.73	478-2665-2-ND	2,000	827.64/M	SQCBEM821KAJME		
1000pF	±10%	478-2666-1-ND*	16.97	154.28	694.24	478-2666-2-ND	2,000	925.65/M	SQCBEM102KAJME		

◆ RoHS Compliant

SQ P90 Kits

◆ 478-2636-ND (SQCB/KITSQ001)	10 each of values denoted (460 total pieces)	86.90
† 478-2637-ND (SQCA/KITSQ002)	10 each of values denoted (160 total pieces)	86.90
†† 478-2638-ND (SQCA/KITSQ003)	10 each of values denoted (260 total pieces)	86.90

Accu-P® Series
Thin Film RF/Microwave Multilayer Chip Capacitors



Features: • Low ESR • High Q • Very Low Capacitance Values • Very Tight Capacitance Tolerances • High RF Power Handling Capability • Hand Solderable
Specifications: • Operating Temperature: -55°C - 125°C • Insulation Resistance: ≥ 10¹¹ Ω (≥ 10¹⁰ Ω for 0201 and 0402 size) • Dielectric Absorption: .01%

Size Code	Dimensions - Inch (mm)		
	L	W	T
0201	0.023 (0.60)	0.0128 (0.325)	0.009 (0.225)
0402	0.039 (1.00)	0.022 (0.55)	0.016 (0.40)
0603	0.063 (1.60)	0.032 (0.81)	0.025 (0.63)

Size Code	VW DC	Capacitance	Tolerance	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		AVX Part No.	
					10	100	500		Qty.	Pricing		
0201	25V	.10pF	±0.2pF	478-2709-1-ND▲	11.98	70.79	204.19	—	—	—	02013J0R1PBWTR	
		.10pF	±0.2pF	478-4367-1-ND◆††	11.98	70.79	204.19	478-4367-2-ND◆	5,000	196.02/M	02013J0R1PBSTR	
		.30pF	±0.2pF	478-2711-1-ND▲	11.98	70.79	204.19	—	—	—	02013J0R3PBWTR	
		.30pF	±0.2pF	478-4368-1-ND◆††	11.98	70.79	204.19	478-4368-2-ND◆	5,000	196.02/M	02013J0R3PBSTR	
		.40pF	±0.2pF	478-2712-1-ND▲	3.70	24.50	92.57	478-2712-2-ND	5,000	141.57/M	02013J0R4PBWTR	
		.50pF	±0.2pF	478-4369-1-ND◆††	11.98	70.79	204.19	478-4369-2-ND◆	5,000	196.02/M	02013J0R5PBSTR	
		.70pF	±0.2pF	478-2715-1-ND▲	9.38	62.07	234.50	—	—	—	—	02013J0R7PBWTR
		.80pF	±0.2pF	478-2716-1-ND	9.38	62.07	234.50	—	—	—	—	02013J0R8PBWTR
		.90pF	±0.2pF	478-2717-1-ND	9.38	62.07	234.50	—	—	—	—	02013J0R9PBWTR
		1.0pF	±0.5pF	478-2718-1-ND	9.58	56.63	163.35	—	—	—	—	02013J1R0ABWTR
		1.0pF	±0.5pF	478-4370-1-ND◆†	9.58	56.63	163.35	478-4370-2-ND◆	5,000	156.82/M	02013J1R0ABSTR	
		1.1pF	±0.5pF	478-2719-1-ND	4.44	29.40	111.08	—	—	—	—	02013J1R1ABWTR
		1.2pF	±0.5pF	478-2720-1-ND	9.58	56.63	163.35	—	—	—	—	02013J1R2ABWTR
		1.2pF	±0.5pF	478-4371-1-ND◆†	9.58	56.63	163.35	478-4371-2-ND◆	5,000	156.82/M	02013J1R2ABSTR	
		1.3pF	±0.5pF	478-2721-1-ND	9.58	56.63	163.35	—	—	—	—	02013J1R3ABWTR
		1.3pF	±0.5pF	478-4372-1-ND◆†	9.58	56.63	163.35	478-4372-2-ND◆	5,000	156.82/M	02013J1R3ABSTR	
		1.4pF	±0.5pF	478-2722-1-ND	14.37	84.94	245.03	—	—	—	—	02013J1R4ABWTR
		1.4pF	±0.5pF	478-4373-1-ND◆	9.58	56.63	163.35	478-4373-2-ND◆	5,000	156.82/M	02013J1R4ABSTR	
		1.5pF	±0.5pF	478-2723-1-ND	9.58	56.63	163.35	—	—	—	—	02013J1R5ABWTR
		1.5pF	±0.5pF	478-4374-1-ND◆†	9.58	56.63	163.35	478-4374-2-ND◆	5,000	156.82/M	02013J1R5ABSTR	
		1.7pF	±0.5pF	478-2725-1-ND	4.44	29.40	111.08	—	—	—	—	02013J1R7ABWTR
		1.8pF	±0.5pF	478-2726-1-ND	9.58	56.63	163.35	—	—	—	—	02013J1R8ABWTR
		1.8pF	±0.5pF	478-4375-1-ND◆†	9.58	56.63	163.35	478-4375-2-ND◆	5,000	156.82/M	02013J1R8ABSTR	
		1.9pF	±0.5pF	478-2727-1-ND	9.58	56.63	163.35	—	—	—	—	02013J1R9ABWTR
		1.9pF	±0.5pF	478-4376-1-ND◆	9.58	56.63	163.35	478-4376-2-ND◆	5,000	156.82/M	02013J1R9ABSTR	
		2.0pF	±0.5pF	478-2728-1-ND	9.58	56.63	163.35	—	—	—	—	02013J2R0ABWTR
		2.0pF	±0.5pF	478-4377-1-ND◆†	7.99	47.19	136.13	478-4377-2-ND◆	5,000	130.68/M	02013J2R0ABSTR	
		2.1pF	±10pF	478-2729-1-ND	2.96	19.60	74.05	—	—	—	—	02013J2R1BBWTR
		2.2pF	±10pF	478-2730-1-ND	7.99	47.19	136.13	—	—	—	—	02013J2R2BBWTR
		2.2pF	±10pF	478-4378-1-ND◆†	7.99	47.19	136.13	478-4378-2-ND◆	5,000	130.68/M	02013J2R2BBSTR	
		2.3pF	±10pF	478-4379-1-ND◆	7.99	47.19	136.13	478-4379-2-ND◆	5,000	130.68/M	02013J2R3BBSTR	
		2.4pF	±10pF	478-2732-1-ND	9.58	56.63	163.35	478-2732-2-ND	5,000	156.82/M	02013J2R4BBWTR	
		2.4pF	±10pF	478-4380-1-ND◆†	7.99	47.19	136.13	478-4380-2-ND◆				