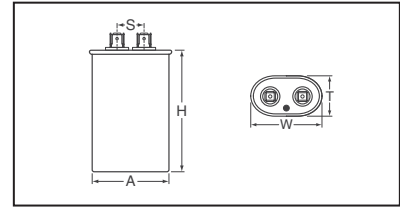




Metallized Polypropylene Oil Filled Motor Run Capacitors



Construction: • Dielectric: polypropylene film • Electrode: Metallized film • Aluminum can, metal top • Filling material: Vegetable oil, PCB free • Insulator material as per IEC 60335-1

Features: • Self-healing properties • Low dissipation factor • Overpressure disconnection device • Highest safety level P2 to IEC 60252-1 2001-02 • High insulation resistance • IEC/EN 60335 compatible

Typical Applications: • For general sine wave applications, mainly as motor run capacitor

Specifications: • UL 810 / IEC 60252-1 / EIA 456 A Jan.89 • Rated frequency: 50/60 Hz • Climatic category: 40/070/21

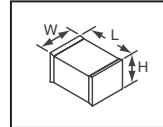
Rated Voltage (VAC)	Capacitance	Dimensions (mm)					Digi-Key Part No.	Pricing			Epcos Part No.	
		A	H	S	T	W		1	10	100		
370	3.0µF	51.5	55	20	34.5	54.5	495-4317-ND	3.16	28.47	215.09	B33364A3305J050	
	4.0µF	51.5	55	20	34.5	54.5	495-4318-ND	3.24	29.19	220.54	B33364A3405J050	
	5.0µF	51.5	55	20	34.5	54.5	495-4319-ND	3.31	29.73	224.62	B33364A3505J050	
	6.0µF	51.5	55	20	34.5	54.5	495-4320-ND	3.52	31.71	239.60	B33364A3605J050	
	7.5µF	51.5	55	20	34.5	54.5	495-4321-ND	3.60	32.43	245.04	B33364A3755J050	
	8.0µF	51.5	55	20	34.5	54.5	495-4322-ND	3.68	33.15	250.49	B33364A3805J050	
	10µF	51.5	65	20	34.5	54.5	495-4323-ND	4.07	36.58	276.36	B33364A3106J050	
	12.5µF	51.5	75	20	34.5	54.5	495-4324-ND	4.48	40.36	304.94	B33364A3126J550	
	15µF	51.5	75	20	34.5	54.5	495-4325-ND	4.76	42.28	338.26	B33364A3156J050	
	20µF	70	65	20	48	73	495-4326-ND	5.62	49.97	399.76	B33364A3206J050	
	25µF	70	65	20	48	73	495-4327-ND	6.20	55.10	440.76	B33364A3256J050	
	30µF	70	75	20	48	73	495-4328-ND	7.44	66.15	529.17	B33364A3306J050	
	35µF	70	75	20	48	73	495-4329-ND	7.87	69.99	559.92	B33364A3356J050	
	40µF	70	85	20	48	73	495-4330-ND	8.50	75.60	604.76	B33364A3406J050	
	45µF	70	100	20	48	73	495-4331-ND	8.81	83.68	660.66	B33364A3456J050	
	50µF	70	100	20	48	73	495-4332-ND	9.53	90.53	714.71	B33364A3506J050	
	440	3.0µF	51.5	55	20	34.5	54.5	495-4333-ND	3.64	32.79	247.77	B33364A5305J050
		4.0µF	51.5	55	20	34.5	54.5	495-4334-ND	3.72	33.51	253.21	B33364A5405J050
		5.0µF	51.5	55	20	34.5	54.5	495-4335-ND	3.80	34.23	258.66	B33364A5505J050
		6.0µF	51.5	55	20	34.5	54.5	495-4336-ND	3.92	35.32	266.83	B33364A5605J050
7.5µF		51.5	65	20	34.5	54.5	495-4337-ND	4.16	37.48	283.16	B33364A5755J050	
8.0µF		51.5	65	20	34.5	54.5	495-4338-ND	4.24	38.20	288.61	B33364A5805J050	
10µF		51.5	75	20	34.5	54.5	495-4339-ND	4.48	40.36	304.94	B33364A5106J050	
12.5µF		51.5	75	20	34.5	54.5	495-4340-ND	4.76	42.28	338.26	B33364A5126J550	
15µF		70	65	20	48	73	495-4341-ND	5.12	45.49	363.88	B33364A5156J050	
20µF		70	65	20	48	73	495-4342-ND	6.41	57.02	456.14	B33364A5206J050	
25µF		70	75	20	48	73	495-4343-ND	7.21	64.06	512.51	B33364A5256J050	
30µF		70	85	20	48	73	495-4344-ND	7.93	70.47	563.76	B33364A5306J050	
35µF		70	100	20	48	73	495-4345-ND	8.65	76.88	615.01	B33364A5356J050	
40µF		70	100	20	48	73	495-4346-ND	8.33	79.12	624.62	B33364A5406J050	
45µF		90	75	20	51	93	495-4347-ND	9.45	89.77	708.71	B33364A5456J050	
50µF		90	85	20	51	93	495-4348-ND	10.41	98.90	780.78	B33364A5506J050	

F

AVX Film Chip Capacitors PEN Dielectric – CB Series



The CB Series film chip capacitors use a naked and stacked construction with metallized PEN (polyethylene naphthalate). The use of high temperature dielectric films make these capacitors suitable for IR or vapor phase reflow processes. The intrinsic elasticity of the dielectric film allows an excellent compatibility of the capacitor with all types of material for printed circuit boards. The self-healing property of film technology results in a safe open failure mode and better overall reliability.



Size Code	Dimensions - (mm)	
	L	W
1206	3.3	1.6
1812	4.5	3.2
2220	5.8	5.0
2824	7.2	6.1

Features: • Excellent thermal shock resistance • Low dissipation factor ESR and ESL • No piezoelectric effect • Non-polar construction

Applications: • General purpose function in low voltage applications where miniaturization and SMD is required

Specifications: • Climatic Category: 55/125/56 • Operating Temperature Range: -55°C – 125°C with voltage derating of 1.25%/°C between 105°C and 125°C

Size Code	WV DC	Capacitance	Dimension H Max. (mm)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		AVX Part No.
					1	10	100		Qty.	Pricing	
1206	50	10.000pF	1.15	478-4533-1-ND	.56	3.72	31.06	478-4533-2-ND	3,900	186.59/M	CB017D0103JBA
	63	0.100µF	2.8	478-6003-1-ND	.99	6.63	55.26	478-6003-2-ND	700	232.07	CB037D0104JBA
	63	0.220µF	3.0	478-6004-1-ND	1.21	8.06	67.15	478-6004-2-ND	700	281.96	CB037D0224JBA
	100	0.047µF	2.6	478-4534-1-ND	.97	6.45	53.81	478-4534-2-ND	700	225.91	CB037E0473JBA
1812	100	0.10µF	3.0	478-4535-1-ND	.99	6.62	55.18	478-4535-2-ND	700	231.51	CB037E0104JBA
	63	0.33µF	3.3	478-4536-1-ND	1.19	7.93	66.05	478-4536-2-ND	2,800	396.40/M	CB042D0334JBC
	63	0.47µF	3.5	478-4537-1-ND	1.31	8.78	73.11	478-4537-2-ND	2,300	438.84/M	CB042D0474JBC
	63	0.68µF	4.0	478-4538-1-ND	.98	6.51	54.28	478-4538-2-ND	2,300	325.93/M	CB042D0684JBC
2824	100	1.0µF	5.7	478-4539-1-ND	1.44	9.61	80.08	478-4539-2-ND	900	432.43	CB052E0105JBC

AVX TPC Polyester Film Capacitors



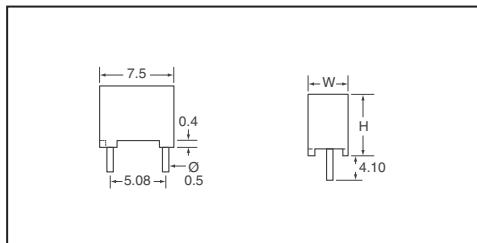
Description: • Dielectric: Metallized polyester film (polyethylene terephthalate) • Stacked-film • Leads: Radial tin-plated wire • Protection: Plastic case (UL 94V-0) / Epoxy resin • Marking: Logo, Nominal Capacitance, Tolerance (EIA), DC Nominal Voltage

Applications: • Supply decoupling, filter, integrators, treatment of analog signals, rejection of line perturbations

Features: • Non-inductive, self-healing, metallized polyester film capacitor • Insulated thermoplastic casing, epoxy resin sealed with stand-offs, flame retardant resin and case according to UL 94V-0 • Radial connections with a lead spacing of 5.08mm

Standardization: • Generic Specifications: CEI 384-1/CECC 30000/UTE 83100 • Sectional

Specifications: CEI 384-2/CECC 30400/UTE 83151 • Complies with Special Specifications: CECC 30401-063 • On the LNZ list: Complies with type CPM-N; RAQ2 production, equivalent AQAP-4 of NATO



Voltage (DC)	Dim. - mm		Capacitance	Tolerance	Digi-Key Part No.	Pricing			AVX Part No.
	H	W				1	10	100	
63	6.5	2.5	1,800pF	±5%	478-3431-ND	.16	1.16	8.29	BQ014D0182J
	6.5	2.5	3,300pF	±10%	478-3423-ND	.08	.58	4.15	BQ014D0332K
	6.5	2.5	27,000pF	±10%	478-3411-ND	.08	.58	4.11	BQ014D0273K
	6.5	2.5	39,000pF	±5%	478-3419-ND	.08	.63	4.43	BQ014D0393J
	6.5	2.5	56,000pF	±5%	478-3439-ND	.09	.63	4.52	BQ014D0563J
	6.5	2.5	68,000pF	±10%	478-3436-ND	.09	.63	4.52	BQ014D0683K
100	6.5	2.5	2,200pF	±10%	478-3412-ND	.08	.58	4.12	BQ014E0222K
	6.5	2.5	3,300pF	±10%	478-3420-ND	.08	.58	4.15	BQ014E0332K
250	6.5	2.5	10,000pF	±5%	478-3430-ND	.10	.76	5.41	BQ014G0103J
400	6.5	2.5	1,000pF	±10%	478-3388-ND	.09	.63	4.52	BQ014I0102K

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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