

Ceramic Disc, Radial Capacitors & Resonator

JAMECO ValuePro Ceramic Disc Capacitors (± 5 , ± 10 or $\pm 20\%$) 85°C

* Web Code: HBW



25, 50, 500 and 1000 Volt, Z5U Temperature Coefficient

- Dielectric withstanding voltage: 2.5 times rated volt. for not < 1 sec.
- Operating temperature range: +10°C to +85°C
- Capacitance change over temp. range: +22% to -56%

* Order in multiples of 10

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Part No.	Product No.	Mfr.	Value	Volt (V)	Tol.	Dia. (mm)	Pricing				
							1	10	100	500	1000
15333	DC10	JVP	10pF	50	20	5	*	\$.08	\$.06	\$.05	\$.04
15405	DC22	JVP	22pF	50	20	5	*	.08	.06	.05	.04
332217	DC33/50	JVP	33pF	50	20	5	*	.25	.12	.10	.08
1947028	DC33ATR*	JVP	33pF	500	5	6	*	.25	.10	.08	.06
15512	DC47	JVP	47pF	50	20	5	*	.10	.08	.06	.04
15552	DC68	ADT	68pF	50	5	4	*	.10	.08	.06	.04
15341	DC100	JVP	100pF	50	20	5	*	.10	.08	.06	.04
1947044	DC100TR*	JVP	100pF	100	10	7	*	.25	.15	.10	.08
1947052	DC150TR	JVP	150pF	100	10	8	*	.25	.09	.05	.03
1947087	DC150ATR	JVP	150pF	100	✓	4	*	.25	.05	.04	.03
15413	DC220	JVP	220pF	50	20	5	*	.15	.10	.08	.06
1947132	DC220TR	JVP	220pF	50	5	8	*	.25	.07	.04	.03
1947301	DC330TR*	JVP	330pF	100	✓	5	*	.25	.09	.05	.03
15528	DC470	JVP	470pF	50	20	5	*	.10	.08	.06	.04
1947319	DC470TR*	JVP	470pF	100	✓	5	*	.25	.10	.08	.06
2162759	DC820	ADT	820pF	1000	20	7	*	.25	.15	.10	.08
15190	DC.001	JVP	.001µF	50	20	5	*	.10	.08	.06	.04
1947343	DC.001TR	ADT	.001µF	100	✓	4	*	.25	.10	.08	.06

*Tape and Reel ✓ +80% to -20%

Part No.	Product No.	Mfr.	Value	Volt (V)	Tol.	Dia. (mm)	Pricing				
							1	10	100	500	1000
1947415	DC.001BTR*	JVP	.001µF	500	10	7	*	\$.25	\$.10	\$.08	\$.06
1947327	DC.0022TR*	JVP	.0022µF	25	20	4	*	.39	.35	.29	.25
1947407	DC.0033	JVP	.0033µF	500	20	9	*	.15	.10	.08	.06
2159883	DC.0033/1000	ADT	.0033µF	1000	20	7	*	.39	.35	.29	.25
15211	DC.0047	JVP	.0047µF	50	20	8	*	.09	.06	.05	.03
1947335	DC.0047TR*	JVP	.0047µF	100	✓	5	*	.25	.10	.08	.06
15229	DC.01	JVP	.01µF	50	20	6	*	.12	.09	.07	.05
97375	DC.01/1K20	JVP	.01µF	1000	20	11	*	.29	.25	.19	.15
332487	CD20000/1000	JVP	.02µF	1000	20	14	*	.49	.45	.35	.29
15245	DC.022	JVP	.022µF	50	20	3	*	.29	.25	.18	.15
1947351	DC.047B	JVP	.047µF	25	✓	7	*	.25	.12	.09	.06
15253	DC.047	JVP	.047µF	50	20	4	*	.19	.15	.12	.09
332507	CD50000/1000	JVP	.05µF	1000	20	19	*	.59	.49	.45	.39
151116	DC.1/25	JVP	.1µF	25	20	5	*	.15	.12	.09	.07
2146302	DC.1-5MM	JVP	.1µF	50	20	6	*	.15	.12	.09	.07
15270	DC.1	JVP	.1µF	50	20	7	*	.19	.15	.12	.09
2146311	SC45YV1H04Z	JVP	.1µF	50	20	11	*	.19	.15	.12	.09
332516	CD100000/1000	JVP	.1µF	1000	20	22	*	.59	.49	.39	.29

*Tape and Reel ✓ +80% to -20%

Passives

JAMECO ValuePro Monolithic Radial Ceramic Capacitors (± 5 , ± 10 or $\pm 20\%$)

Applications:

- Data processing
- Communications engineering

NPO (COG) Series ($\pm 5\%$)

- Operating temp. range: -55°C to +125°C

* Web Code: JBW

Part No.	Product No.	Mfr.	Value	Volt (V)	Size (mm)* W x T x H x L.S.	Pricing			
						10	100	500	1000
2159816	B3798N5102K1	ADT	1nF	63	4.7 x 1.7 x 6.1 x 2.6	\$.19	\$.09	\$.07	\$.05
332523	COG10/100	JVP	10pF	100	4 x 2 x 3.2 x 5.1	.19	.12	.08	.07
332541	COG22/100	JVP	22pF	100	3.6 x 2.3 x 3.6 x 2.5	.19	.12	.08	.07
332567	COG47/100	JVP	47pF	100	3.8 x 2 x 3.3 x 2.5	.19	.12	.08	.07

Order in multiples of 10

Z5U Series ($\pm 20\%$)

- Operating temp. range: +10°C to +85°C

* Order in multiples of 10

Part No.	Product No.	Mfr.	Value	Volt (V)	Size (mm)* W x T x H x L.S.	Pricing			
						1	10	100	500
81543	MD10	JVP	10pF	50	3.5 x 2 x 3 x 2.5	*	\$.15	\$.12	\$.09
81533	MD22	JVP	22pF	50	4 x 2 x 4 x 5.1	*	.15	.12	.09
81525	MD100	JVP	100pF	50	3.3 x 2 x 3 x 2.5	*	.15	.12	.09
81517	MD.001	JVP	.001µF	50	4.5 x 2 x 3 x 2.5	*	.15	.12	.06
138202	MD.0047	JVP	.0047µF	50	3.3 x 2.2 x 5.5 x 4.6	*	.15	.12	.09
25507	MD.01	JVP	.01µF	50	3.5 x 2 x 3 x 5.1	*	.19	.15	.12
57621	MD.047	JVP	.047µF	50	2.5 x 2.5 x 3 x 2.5	*	.19	.15	.10
25525	MD.1	JVP	.1µF	50	4 x 3 x 5 x 4.6	*	.25	.17	.13
544868	SR205E104MAA	JVP	.1µF	50	4 x 2.6 x 3.8 x 2.5	*	.19	.15	.10
25523	MD.1-R	JVP	.1µF	50	6 x 2 x 4 x 5.1	*	.19	.15	.10
25540	MD.22	JVP	.22µF	50	6 x 2 x 4.5 x 5.1	*	.29	.25	.19
544930	SR215E334MAA	JVP	.33µF	50	3.8 x 2.5 x 3.8 x 5.1	*	.29	.25	.19
138237	MD.33	JVP	.33µF	50	6 x 2 x 8 x 5.1	*	.29	.25	.19
25558	MD.47	JVP	.47µF	50	4.5 x 2.5 x 4.5 x 5.1	*	.39	.29	.19
544956	SR305E105MAA	JVP	1µF	50	3.8 x 2.5 x 3.8 x 5.1	*	.45	.35	.25
768183	SR305E105MAR	AVX	1µF	50	7.6 x 3.8 x 7.6 x 5.1	*	.49	.45	.39
81509	MD1	JVP	1µF	50	6 x 3 x 7 x 5.1	*	.49	.39	.29

* Capacitor dimensions and styles may vary

Note: Above case sizes may have ± tolerances

X7R Series ($\pm 10\%$)

- Operating temp. range: -55°C to +125°C

* Web Code: JBX

* Order in multiples of 10

Part No.	Product No.	Mfr.	Value	Volt (V)	Size (mm)* W x T x H x L.S.	Pricing				
						1	10	100	500	1000
332583	MOC100/100	JVP	100pF	100	5x5x3x2.5	*	\$.19	\$.12	\$.08	\$.07
332612	MOC470/100	JVP	470pF	100	5x5x3x2.5	*	.19	.12	.08	.07
544825	SR151C102KAA	JVP	1000pF	100	3.8x2.5x3.8x2.5	*	.19	.12	.08	.07
544833	SR151C103KAA	JVP	.01µF	100	3.8x2.5x3.8x2.5	*	.29	.25	.15	.09
332647	MOC10000/100	JVP	.01µF	100	5x5x3x2.5	*	.25	.19	.12	.07
332655	MOC22000/100	JVP	.022µF	100	5x5x3x2.5	*	.29	.25	.15	.09
544905	SR211C333KAA	JVP	.033µF	100	3.8x2.5x3.8x5.1	*	.29	.25	.15	.09
544913	SR211C473KAA	JVP	.047µF	100	3.8x2.5x3.8x5.1	*	.29	.25	.15	.09
544921	SR215C104KAA	JVP	.1µF	50	3.8x2.5x3.8x5.1	*	.15	.12	.09	.07
544884	SR211C104KAA	JVP	.1µF	100	3.8x2.5x3.8x5.1	*	.29	.25	.19	.15
332672	MOC100000/100	JVP	.1µF	100	5x5x3x2.5	*	.29	.25	.15	.12
544948	SR305C474KAA	JVP	.47µF	50	3.8x2.5x3.8x5.1	*	.39	.35	.29	.25

* Capacitor dimensions and styles may vary Note: Above case sizes may have ± tolerances

JAMECO ValuePro Ceramic Resonator

- Frequency accuracy: $\pm 0.5\%$ @ 25°C
- Extended temp. range: -20°C to +85°C
- Withstanding volt. (5 sec): 100V max.

* Web Code: CRS



Part No.	Product No.	Frequency	Resistance	Pins	1	10	100
324672	TZTT-20.00MT	20.0MHz	30Ω	3	\$.49	\$.45	\$.39

JAMECO ValuePro Memory Back-Up Capacitor

Applications:

- Back-up on CMOS microcomputers, static RAM, DTSS (digital tuning systems)
- Memory back-up of remote controllers

* Web Code: SAB

Features: • Voltage: 5.5VDC, 8VDC • Small size vs. capacitance



Part No.	Cross Ref. No.	Value (F)	Volts	Dia. x Thick x Pin (mm)	1	10	100
142957	MBC1.0/5.5	1.0	5.5	19.8 x 7.5 x 5.3	\$3.59	\$3.29	\$2.95

* ADT = Arndt Electronics | AVX = AVX Corp. | JVP = Jameco ValuePro

* For additional products, availability and specifications visit [Jameco.com](http://www.Jameco.com) and enter the Web Code in the product search box



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