

VISHAY Ceramic Capacitors

VISHAY MULTILAYER CERAMIC DIPPED CAPACITORS

Specifications:

- Operating temp. range: -40°C to +125°C
- AEC-Q200 qualified



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (pF)	Temp. Coeff.	Tol. ±	Price Each			
Mfr.	Mfr. Part No.				1	50	100	1000
50 VDC								
594	A102K15X7RF5TAAV	1000	10%	X7R	.39	.30	.20	.093
594	A472K15X7RF5TAAV	4700	10%	X7R	.47	.33	.20	.11
594	A103K15X7RF5TAAV	0.010uF	10%	X7R	.39	.30	.20	.093
594	A473K15X7RF5TAAV	0.047uF	10%	X7R	.39	.31	.23	.118
594	A104K15X7RF5TAAV	0.1uF	10%	X7R	.50	.40	.30	.15
100 VDC								
594	A102K15X7RH5TAAV	1000	10%	X7R	.39	.30	.20	.093
594	A472K15X7RH5TAAV	4700	10%	X7R	.40	.31	.21	.095
594	A104K15X7RH5TAAV	0.1uF	10%	X7R	.50	.40	.30	.15
200 VDC								
594	A103K15X7RK5TAAV	0.010uF	10%	X7R	.42	.32	.22	.12



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MOUSER STOCK NO.		Value (pF)	Temp. Coeff.	Tol. ±	Price Each			
Mfr.	Mfr. Part No.				1	50	100	1000
50 VDC								
594	K102K15X7RF5TH5V	1000	10%	X7R	.52	.40	.21	.09
594	K102K15X8RF5TH5V	1000	10%	X8R	.90	.623	.368	.188
594	K472K15X7RF5TH5V	4700	10%	X7R	.50	.39	.20	.09
594	K103K15X7RF5TH5V	0.010uF	10%	X7R	.52	.40	.21	.09
594	K473K15X7RF5TH5V	0.047uF	10%	X7R	.51	.40	.24	.12
594	K104K15X7RF5TH5V	0.1uF	10%	X7R	.64	.50	.30	.15
200 VDC								
594	K102K15X7RK5TH5V	1000	10%	X7R	.45	.311	.184	.094
594	K103K15X7RK5TH5V	0.010uF	10%	X7R	.45	.316	.186	.095

VISHAY/BC COMPONENTS VY1/VY2 SERIES AC LINE CERAMIC DISC CAPS

Specifications:

- Operating temp. range: -40°C to +125°C

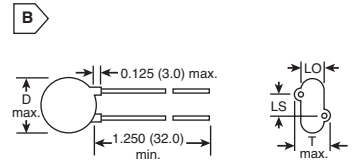
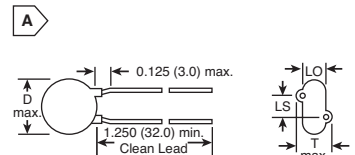


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MOUSER STOCK NO.		Value (pF)	Temp. Coeff.	Tol. ±	Price Each			
Mfr.	Mfr. Part No.				1	50	100	1000
500 VDC - Class Y1								
72	VY1100K31U2JQ63V0	10	10	U2J	.31	.14	.12	.07
72	VY1150K31U2JQ63V0	15	10	U2J	.33	.15	.12	.079
72	VY1220K31U2JQ63V0	22	10	U2J	.33	.15	.12	.079
72	VY1220K31U2JQ6TV0	22	10	U2J	.33	.15	.12	.079
72	VY1330K31Y5SQ63V0	33	10	Y5S	.34	.15	.13	.08
72	VY1470K31Y5SQ63V0	47	10	Y5S	.34	.15	.13	.08
72	VY1680K31Y5SQ63V0	68	10	Y5S	.34	.15	.13	.08
72	VY1101K31Y5SQ63V0	100	10	T5S	.34	.15	.13	.08
72	VY1151K31Y5SQ63V0	150	10	Y5S	.34	.15	.13	.08
72	VY1221K31Y5SQ63V0	220	10	Y5S	.34	.15	.13	.08
72	VY1221K31Y5SG63V0	220	10	Y5S	.32	.17	.15	.089
72	VY1331K31Y5SG63V0	330	10	Y5S	.32	.17	.15	.089
72	VY1471K31Y5UQ63V0	470	10	Y5U	.33	.14	.12	.074
72	VY1471M31Y5UQ63V0	470	20	Y5U	.33	.14	.12	.074
72	VY1471M31Y5UQ63V0	470	20	Y5U	.30	.18	.12	.09
72	VY1681M31Y5UQ63V0	680	10	Y5U	.30	.18	.12	.09
72	VY1681M31Y5UQ63V0	680	20	Y5U	.33	.14	.12	.074
72	VY1102M35Y5UQ63V0	1000	20	Y5U	.18	.15	.12	.089
72	VY1102M35Y5UQ63V0	1000	20	Y5U	.34	.16	.14	.089
72	VY1102M35Y5UQ6TV0	1000	20	Y5U	.34	.16	.14	.089
72	VY1152M41Y5UQ63V0	1500	20	Y5U	.42	.22	.19	.12
72	VY1152M41Y5UQ6TV0	1500	20	Y5U	.42	.22	.19	.12
72	VY1222M47Y5UQ63V0	2200	20	Y5U	.42	.22	.19	.12
72	VY1222M47Y5UQ6B0V0	2200	20	Y5U	.42	.22	.19	.12
72	VY1222M47Y5UQ6TV0	2200	20	Y5U	.42	.22	.19	.125
72	VY1222M47Y5UQ6U0V0	2200	20	Y5U	.42	.22	.19	.12
72	VY1222M47Y5UQ63V0	2200	20	Y5U	.23	.19	.16	.13
72	VY1332M59Y5UQ63V0	3300	20	Y5U	.44	.33	.28	.18
72	VY1392M61Y5UQ63V0	3900	20	Y5U	.67	.35	.31	.19
72	VY1472M63Y5UQ6TV0	4700	20	Y5U	.72	.42	.36	.24
72	VY1472M63Y5UQ6U0V0	4700	20	Y5U	.72	.42	.36	.24
72	VY1472M63Y5UQ63V0	5800	20	Y5U	.72	.42	.36	.24
72	VY1472M63Y5UQ63V0	4700	20	Y5U	.58	.39	.33	.22
300 VDC - Class Y2								
72	VY2101K29Y5SG63V7	100	10	Y5S	.32	.15	.12	.08
72	VY2221K29Y5SG63V7	220	10	Y5S	.25	.12	.10	.08
72	VY2331K29Y5SG63V7	330	10	Y5S	.25	.12	.10	.08
72	VY2471K29Y5SG63V7	440	10	Y5S	.25	.12	.10	.08
72	VY2681M29Y5UG63V7	680	20	Y5U	.25	.12	.10	.08
72	VY2102M29Y5UG63V7	1000	20	Y5U	.25	.12	.10	.08
72	VY2332M41Y5UG63V7	3200	20	Y5U	.32	.14	.11	.10
72	VY2472M49Y5UG63V7	4700	20	Y5U	.22	.185	.15	.10
72	VY2103M63Y5UG63V0	0.01uF	20	Y5U	.29	.21	.19	.12
72	VY2103M63Y5UG63V7	0.01uF	20	Y5U	.29	.21	.19	.12
400 VDC - Class X1								
72	VY2222M35Y5UG63V7	2200	20	Y5U	.28	.13	.11	.09

Case Code	Diameter (Max.)	Thickness (Max.)	Lead Space
C	.250 (6.4)	.156 (4.0)	.250 (6.4)
E	.290 (7.4)	.156 (4.0)	.250 (6.4)
F	.370 (9.4)	.156 (4.0)	.250 (6.4)
G	.440 (11.2)	.156 (4.0)	.250 (6.4)
H	.490 (12.4)	.156 (4.0)	.250 (6.3)
H3	.490 (12.4)	.156 (4.0)	.375 (9.5)
J	.560 (14.2)	.156 (4.0)	.375 (9.5)
K	.630 (16.0)	.156 (4.0)	.375 (9.5)
M	.760 (19.3)	.156 (4.0)	.375 (9.5)

DIMENSIONS: in. (mm)



Voltage Class	Lead Offset "LO" (nom)	
	In.	mm
100	.040	1.0
500	.040	1.0
1000	.050	1.3

VISHAY/SPRAGUE PRECISION DISC CAPACITORS

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MOUSER STOCK NO.		Fig.	Value (pF)	Case Code	Temp. Coeff.	Tol. ±	Price Each				
Mfr.	Mfr. Part No.						1	10	25	50	100
1K VDC											
75	561R10TCCV22	A	2.2	C	COK	0.5 pF	.65	.53	.52	.448	.367
75	561R10TCCV27	A	2.7	C	COK	0.5 pF	.65	.53	.52	.448	.367
75	561R10TCCV33	A	3.3	C	COG	0.5 pF	1.11	.47	.39	.376	.31
75	561R10TCCV39	A	3.9	C	COG	0.5 pF	.65	.53	.418	.387	.367
75	561R10TCCV47	A	4.7	C	COG	0.5 pF	.65	.53	.52	.448	.367
75	561R10TCCV50	A	5	C	COG	0.5 pF	.65	.53	.52	.448	.367
75	561R10TCCV68	A	6.8	C	COG	0.5 pF	.65	.53	.52	.448	.367
75	561R10TCCQ10	A	10	C	COG	5%	.65	.56	.52	.448	.367
75	561R10TCCQ12	A	12	C	COG	5%	.65	.53	.52	.448	.367
75	561R10TCCQ15	A	15	C	COG	5%	.65	.53	.52	.448	.367
75	561R10TCCQ18	A	18	E	COG	5%	.62	.499	.397	.367	.346
75	561R10TCCQ20	A	20	E	COG	5%	.62	.499	.45	.422	.346
75	561R10TCCQ22	A	22	E	COG	5%	.62	.499	.45	.422	.346
75	561R10TCCQ25	A	25	E	COG	5%	.62	.499	.397	.367	.346
75	561R10TCCQ27	A	27	F	COG	5%	.62	.499	.45	.422	.346
75	561R10TCCQ30	A	30	F	COG	5%	.62	.499	.45	.422	.346
75	561R10TCCQ33	A	33	F	COG	5%	.62	.499	.45	.422	.346
75	561R10TCCQ39	A	39	F	COG	5%	.62	.499	.45	.422	.346
75	561R10TCCQ47	B	47	G	COG	5%	.72	.581	.53	.496	.407
75	561R10TCCQ50	B	50	G	COG	5%	.72	.581	.53	.495	.407
75	561R10TCCQ56	B	56	G	COG	5%	.72	.581	.469	.428	.407
75	561R10TCCQ68	B	68	H	COG	5%	.81	.74	.73	.65	.58
75	561R10TCCCT10	B	100	J	COG	5%	.71	.642	.581	.52	.493
75	561R10TCCCT12	B	120	J	COG	5%	.71	.642	.581	.52	.469
75	561R10TCCCT22	B	220	M	COG	5%	1.85	1.57	1.28	1.14	1.09

VISHAY/SPRAGUE CERAMIC DISC CAPACITORS

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MOUSER STOCK NO.		Fig.	Value (pF)	Case Code	Temp. Coeff.	Tol. ±	Price Each				
Mfr.	Mfr. Part No.						1	10	25	50	100
100 VDC											
75	562RTST10	B	100	C	X7R	10	1.12	1.09	1.05	1.01	.989
75	562RTST47	B	470	C	X7R	10	1.38	1.30	1.26	1.22	1.19
500 VDC											
75	562R5TSD10	A	1000	E	X7R	10	1.12	1.09	1.05	1.01	.989
1K VDC											
75	562R5GAT10										