

XICON Ceramic Disc Capacitors



Passive Components

RoHS Compliant This page of product is RoHS compliant.

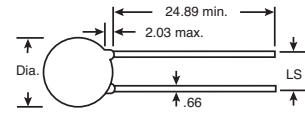
EIA CLASS 2 DISC CERAMIC CAPACITORS

- Features:**
- Meets EIA Standards
 - Non-linear Temperature Coefficient
 - Stable Temperature Characteristics
 - Larger capacitance in smaller package than Class 1 type

- Specifications:**
- Y5P:**
- Temperature Range: -30°C to +85°C
 - Dissipation Factor: 2.5%
 - Standard Tolerance: ±10%

- Z5U / Z5V:**
- Temperature Range: +10°C +85°C
 - Dissipation Factor: 5%
 - Standard Tolerance: ±20% or +80%-20%

DIMENSIONS: mm



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	200	400
50 VDC, Temp. Coef.: Z5U, Tol.: ±20%						
140-50Z5-102M-RC	1000	5	5	.09	.033	.03
140-50Z5-202M-RC	2000	5.5	5	.09	.033	.03
140-50Z5-222M-RC	2200	5	5	.09	.033	.03
140-50Z5-472M-RC	4700	6.6	5	.09	.03	.028
140-50Z2-103M-RC	.01μF	7.5	2.5	.10	.032	.03
140-50Z5-103M-RC	.01μF	7.5	5	.10	.032	.03
140-50Z5-203M-RC	.02μF	10.5	5	.13	.066	.051
140-50Z5-223M-RC	.022μF	10.5	5	.16	.092	.077

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	200	400
500 VDC, Temp. Coef.: Y5P, Tol.: ±10% (Cont.)						
140-500P5-222K-RC	2200	8.5	5	.16	.123	.097
140-500P5-272K-RC	2700	8.5	5	.20	.15	.117
140-500P5-332K-RC	3300	9.5	5	.21	.163	.126
140-500P5-392K-RC	3900	9.5	5	.23	.177	.136
140-500P5-472K-RC	4700	10.5	5	.23	.187	.15
140-500P9-682K-RC	6800	12	9.5	.29	.234	.179
140-500P9-103K-RC	.01μF	12	9.5	.28	.23	.179

50 VDC, Temp. Coef.: Z5V, Tol.: +80% to -20%						
140-50Q5-102Z-RC	1000	5	5	.09	.03	.029
140-50Q5-103Z-RC	.01μF	6.5	5	.12	.033	.03
140-50Q5-223Z-RC	.022μF	7.5	5	.20	.066	.061

500 VDC, Temp. Coef.: Z5U, Tol.: +80% to -20%						
140-500Z5-102Z-RC	1000	5	5	.19	.061	.058
140-500Z5-472Z-RC	4700	8.5	5	.19	.074	.066
140-500Z5-103Z-RC	.01μF	10.5	5	.20	.099	.09
140-500Z9-223Z-RC	.02μF	15	9.5	.33	.173	.147

100 VDC, Temp. Coef.: Z5U, Tol.: +80% to -20%						
140-100Z5-102Z-RC	1000	5	5	.13	.056	.05
140-100Z5-472Z-RC	4700	5	5	.12	.053	.047
140-100Z5-103Z-RC	.01μF	7.5	5	.10	.055	.046
140-100Z5-203Z-RC	.02μF	7.5	5	.16	.092	.077
140-100Z5-223Z-RC	.022μF	10.5	5	.16	.092	.077

1000 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-102P6-101K-RC	100	6.5	6.4	.12	.069	.067
140-102P6-121K-RC	120	6.5	6.4	.12	.069	.067
140-102P6-151K-RC	150	6.5	6.4	.12	.07	.068
140-102P6-181K-RC	180	6.5	6.4	.12	.068	.066
140-102P6-221K-RC	220	6.5	6.4	.13	.073	.07
140-102P6-271K-RC	270	6.5	6.4	.12	.069	.067

500 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-500P5-101K-RC	100	5	5	.14	.065	.059
140-500P5-121K-RC	120	5	5	.14	.065	.06
140-500P5-151K-RC	150	5	5	.14	.065	.06
140-500P5-181K-RC	180	5	5	.14	.065	.06
140-500P5-221K-RC	220	5	5	.18	.072	.06
140-500P5-251K-RC	250	5	5	.14	.065	.06
140-500P5-271K-RC	270	5	5	.14	.067	.061
140-500P5-331K-RC	330	6	5	.14	.067	.061
140-500P5-391K-RC	390	6	5	.14	.065	.06
140-500P5-471K-RC	470	5	5	.18	.079	.065
140-500P5-501K-RC	500	6	5	.14	.065	.06
140-500P5-561K-RC	560	6	5	.14	.079	.075
140-500P5-681K-RC	680	10	5	.19	.082	.079
140-500P5-102K-RC	1000	6	5	.16	.125	.098
140-500P5-152K-RC	1500	7.5	5	.16	.124	.097
140-500P5-182K-RC	1800	7.5	5	.17	.132	.104

140-102P6-301K-RC	300	6.5	6.4	.12	.068	.066
140-102P6-331K-RC	330	6.5	6.4	.12	.068	.066
140-102P6-391K-RC	390	6.5	6.4	.12	.07	.068
140-102P6-471K-RC	470	6.5	6.4	.12	.068	.066
140-102P6-561K-RC	560	6.5	6.4	.12	.068	.066
140-102P6-681K-RC	680	6.5	6.4	.20	.126	.112
140-102P6-821K-RC	820	6.5	6.4	.19	.125	.111
140-102P6-102K-RC	1000	6.5	6.4	.20	.127	.112
140-102P6-122K-RC	1200	8.5	6.4	.32	.262	.224
140-102P6-152K-RC	1500	8.5	6.4	.32	.264	.226
140-102P6-222K-RC	2200	9.5	6.4	.31	.259	.222
140-102P6-272K-RC	2700	11	6.4	.33	.271	.233
140-102P6-302K-RC	3000	11	6.4	.31	.26	.223
140-102P6-332K-RC	3300	11	6.4	.46	.313	.286
140-102P9-472K-RC	4700	15	9.5	.55	.48	.32
140-102P9-103K-RC	.01μF	19	9.5	1.14	.879	.688

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	200	400
2000 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-202P6-101K-RC	100	7	6.4	.14	.074	.071
140-202P6-221K-RC	220	7	6.4	.14	.075	.07
140-202P6-331K-RC	330	7	6.4	.14	.074	.068
140-202P6-391K-RC	390	7	6.4	.14	.113	.09
140-202P6-471K-RC	470	7	6.4	.23	.119	.115
140-202P6-102K-RC	1000	8.5	6.4	.29	.151	.144
140-202P6-122K-RC	1200	10	6.4	.29	.174	.149
140-202P6-152K-RC	1500	10	6.4	.44	.358	.296
140-202P6-222K-RC	2200	12	6.4	.54	.474	.413
140-202P9-472K-RC	4700	15	9.5	1.28	1.21	1.11
140-202P9-103K-RC	.01μF	19	9.5	1.56	1.46	1.36
3000 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-302P6-101K-RC	100	7	6.4	.30	.226	.174
140-302P6-121K-RC	120	7	6.4	.33	.245	.19
140-302P6-141K-RC	140	7	6.4	.39	.313	.24
140-302P6-171K-RC	170	8	6.4	.39	.313	.24
140-302P6-221K-RC	220	8	6.4	.40	.322	.253
140-302P6-331K-RC	330	10	6.4	.50	.462	.417
140-302P9-122K-RC	1200	12	9.5	.71	.653	.531
140-302P9-222K-RC	2200	14	9.5	1.23	1.06	.948
140-302P9-472K-RC	4700	16	9.5	1.95	1.87	1.66
3000 VDC, Temp. Coef.: Z5U, Tol.: ±20%						
140-302Z6-102M-RC	1000	8	6.4	.40	.31	.257
140-302Z6-222M-RC	2200	10	9.5	1.23	.928	.839
140-302Z9-472M-RC	4700	16	9.5	1.12	.849	.767
140-302Z9-103M-RC	.01μF	18	9.5	1.94	1.47	1.34
6000 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-602P9-221K-RC	220	10.5	9.5	.62	.413	.342
140-602P9-471K-RC	470	16	9.5	.79	.523	.434

CLASS 2 AMMO PACK - TAPE AND BOX CERAMIC DISC CAPACITORS

- Features:**
- Ammo Pack
 - Straight Leads are standard
 - Formed Leads for board standoffs are available
 - Small size; large capacitance
- Tape & Box Package**
- 2000 pieces per box
 - 1500 pieces per box
 - 1000 pieces per box

- Specifications:**
- Z5U:**
- Temperature Range: +10°C to +85°C
 - Dissipation Factor: 5%
 - Standard Tolerance: ±20% or +80% -20%
- Y5P:**
- Temperature Range: -30°C to +85°C
 - Dissipation Factor: 2.5%
 - Standard Tolerance: ±10%

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	200	400
50 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-50P2-471K-TB-RC	470	5.0	2.5	.07	.027	.022
140-50P5-471K-TB-RC	470	5.0	5.0	.09	.022	.018
140-50P2-102K-TB-RC	1,000	5.0	2.5	.09	.025	.02
140-50P5-102K-TB-RC	1,000	5.0	5.0	.09	.025	.02

For quantities greater than listed, call for quote.

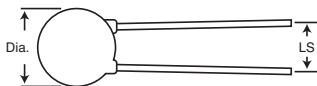
MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	200	400
100 VDC, Temp. Coef.: Z5U, Tol.: +80% to -20%						
140-100Z5-103Z-TB-RC	10,000	7.5	5.0	.09	.03	.024
500 VDC, Temp. Coef.: Z5U, Tol.: +80% to -20%						
140-500Z5-103Z-TB-RC	10,000	10.5	5.0	.19	.094	.07

EIA CLASS 3 SEMICONDUCTOR TYPE

- Features:**
- Ammo pack available
 - Straight leads are standard
 - Formed leads for board standoffs are available
 - Small size; large capacitance

- Specifications:**
- Y5V / Y5U:
- Temperature range: -10°C to +85°C

DIMENSIONS: mm



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	200	400
50 VDC, Temp. Coef.: Y5V, Tol.: +80% to -20%						
140-50V5-103Z-RC	.01	6.5	5.0	.23	.124	.11
140-50V5-223Z-RC	.022	5.5	5.0	.29	.168	.15
140-50V5-473Z-RC	.047	8.5	5.0	.36	.197	.177
140-50V5-104Z-RC	.1	9.5	5.0	.28	.16	.143
140-50V5-224Z-RC	.22	12	5.0	.45	.298	.244

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	200	400
50 VDC, Temp. Coef.: Y5U, Tol.: ±20%						
140-50U5-103M-RC	.01	5.0	5.0	.21	.114	.099
140-50U5-223M-RC	.022	5.0	5.0	.26	.148	.132
140-50U5-473M-RC	.047	12	5.0	.20	.119	.106
140-50U5-104M-RC	.1	15	5.0	.25	.14	.126
140-50U9-104Z-RC	.1					