

XICON Ceramic Disc Capacitors



RoHS Compliant This product is RoHS compliant.

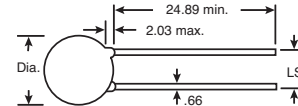
XICON EIA CLASS 2 DISC CERAMIC CAPACITORS

- 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 to +85°C
 - Dissipation Factor: 5%
 - Standard Tolerance: ±20% or +80%/-20%

DIMENSIONS: mm



For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	200	400
50 VDC, Temp. Coef.: Z5U, Tol.: ±20%						
140-50Z5-102K-RC	1000	5	.08	.027	.025	
140-50Z5-202K-RC	2000	5.5	.08	.027	.025	
140-50Z5-222K-RC	2200	5	.08	.027	.025	
140-50Z5-472K-RC	4700	6.6	.08	.027	.025	
140-50Z2-103M-RC	.01µF	7.5	2.5	.10	.03	.029
140-50Z5-103M-RC	.01µF	7.5	5	.10	.03	.029
140-50Z5-203M-RC	.02µF	10.5	5	.13	.063	.049
140-50Z5-223M-RC	.022µF	10.5	5	.13	.063	.049
50 VDC, Temp. Coef.: Z5V, Tol.: +80% to -20%						
140-50Q5-102Z-RC	1000	5	.08	.025	.024	
140-50Q5-102Z-RC	.01µF	6.5	5	.10	.027	.025
140-50Q5-223Z-RC	.022µF	7.5	5	.18	.058	.054
140-50Q5-473Z-RC	.047µF	10.5	5	.16	.114	.078
140-50Q9-104Z-RC	.1µF	16	9.5	.31	.265	.241
100 VDC, Temp. Coef.: Z5U, Tol.: +80% to -20%						
140-100Z5-102Z-RC	1000	5	.11	.048	.043	
140-100Z5-472Z-RC	4700	5	.11	.048	.043	
140-100Z5-103Z-RC	.01µF	7.5	5	.11	.058	.049
140-100Z5-203Z-RC	.02µF	7.5	5	.14	.069	.065
140-100Z5-223Z-RC	.022µF	10.5	5	.14	.073	.067
140-100Z9-473Z-RC	.047µF	12	9.5	.19	.157	.145
140-100Z9-503Z-RC	.05µF	10.5	9.5	.23	.133	.12
140-100Q9-104Z-RC	.1µF	16.5	9.5	.34	.277	.253
500 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-500P5-101K-RC	100	5	.13	.06	.055	
140-500P5-121K-RC	120	5	.13	.06	.055	
140-500P5-151K-RC	150	5	.13	.06	.055	
140-500P5-181K-RC	180	5	.13	.06	.055	
140-500P5-221K-RC	220	5	.17	.066	.055	
140-500P5-251K-RC	250	5	.13	.06	.055	
140-500P5-271K-RC	270	5	.13	.06	.055	
140-500P5-331K-RC	330	6	.13	.06	.055	
140-500P5-391K-RC	390	6	.13	.06	.055	
140-500P5-471K-RC	470	5	.17	.072	.06	
140-500P5-501K-RC	500	6	.13	.06	.055	
140-500P5-561K-RC	560	6	.13	.072	.069	
140-500P5-681K-RC	680	10	.17	.072	.069	

For quantities of 1000 and up, 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.)						
140-500P5-102K-RC	1000	6	5	.16	.12	.094
140-500P5-152K-RC	1500	7.5	5	.16	.12	.094
140-500P5-182K-RC	1800	7.5	5	.16	.12	.094
140-500P5-222K-RC	2200	8.5	5	.16	.12	.094
140-500P5-272K-RC	2700	8.5	5	.16	.12	.094
140-500P5-332K-RC	3300	9.5	5	.19	.145	.112
140-500P5-392K-RC	3900	9.5	5	.19	.145	.112
140-500P5-472K-RC	4700	10.5	5	.23	.181	.145
140-500P9-682K-RC	6800	12	9.5	.26	.205	.157
140-500P9-103K-RC	.01µF	12	9.5	.27	.217	.169
500 VDC, Temp. Coef.: Z5U, Tol.: +80% to -20%						
140-500Z5-102Z-RC	1000	5	.18	.057	.054	
140-500Z5-472Z-RC	4700	8.5	5	.19	.072	.064
140-500Z5-103Z-RC	.01µF	10.5	5	.20	.096	.087
140-500Z9-223Z-RC	.02µF	15	9.5	.30	.157	.133
1000 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-100P6-101K-RC	100	6.5	6.4	.12	.066	.064
140-100P6-121K-RC	120	6.5	6.4	.12	.066	.064
140-100P6-151K-RC	150	6.5	6.4	.12	.066	.064
140-100P6-181K-RC	180	6.5	6.4	.12	.066	.064
140-100P6-221K-RC	220	6.5	6.4	.12	.066	.064
140-100P6-271K-RC	270	6.5	6.4	.12	.066	.064
140-100P6-301K-RC	300	6.5	6.4	.12	.066	.064
140-100P6-331K-RC	330	6.5	6.4	.12	.066	.064
140-100P6-391K-RC	390	6.5	6.4	.12	.066	.064
140-100P6-471K-RC	470	6.5	6.4	.12	.066	.064
140-100P6-561K-RC	560	6.5	6.4	.12	.066	.064
140-100P6-681K-RC	680	6.5	6.4	.19	.12	.106
140-100P6-821K-RC	820	6.5	6.4	.19	.12	.106
140-100P6-102K-RC	1000	6.5	6.4	.19	.12	.106
140-100P6-122K-RC	1200	8.5	6.4	.31	.253	.217
140-100P6-152K-RC	1500	8.5	6.4	.31	.253	.217
140-100P6-222K-RC	2200	9.5	6.4	.31	.253	.217
140-100P6-272K-RC	2700	11	6.4	.31	.253	.217
140-100P6-302K-RC	3000	11	6.4	.31	.253	.217
140-100P6-332K-RC	3300	11	6.4	.41	.277	.253
140-100P9-472K-RC	4700	15	9.5	.54	.47	.313

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	200	400
1000 VDC, Temp. Coef.: Y5P, Tol.: ±10% (Cont.)						
140-102P9-103K-RC	.01µF	19	9.5	1.08	.831	.651
2000 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-202P6-101K-RC	100	7	6.4	.14	.072	.069
140-202P6-221K-RC	220	7	6.4	.14	.072	.067
140-202P6-331K-RC	330	7	6.4	.14	.072	.067
140-202P6-391K-RC	390	7	6.4	.14	.108	.086
140-202P6-471K-RC	470	7	6.4	.22	.114	.11
140-202P6-681K-RC	680	7	6.4	.22	.114	.11
140-202P6-821K-RC	820	8.5	6.4	.22	.114	.11
140-202P6-102K-RC	1000	8.5	6.4	.27	.139	.133
140-202P6-122K-RC	1200	10	6.4	.29	.169	.145
140-202P6-152K-RC	1500	10	6.4	.43	.349	.289
140-202P6-222K-RC	2200	12	6.4	.54	.47	.41
140-202P9-472K-RC	4700	15	9.5	1.27	1.19	1.10
140-202P9-103K-RC	.01µF	19	9.5	1.51	1.41	1.31
3000 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-302P6-101K-RC	100	7	6.4	.30	.22	.17
140-302P6-121K-RC	120	7	6.4	.30	.22	.17
140-302P6-221K-RC	220	7	6.4	.30	.22	.17
140-302P6-471K-RC	470	8	6.4	.35	.28	.215
140-302P6-681K-RC	680	9	6.4	.35	.28	.22
140-302P6-821K-RC	820	10	6.4	.45	.41	.37
140-302P9-122K-RC	1200	12	9.5	.65	.59	.48
140-302P9-152K-RC	1500	12	9.5	.65	.59	.48
140-302P9-222K-RC	2200	14	9.5	.99	.85	.76
140-302P9-272K-RC	2700	16	9.5	1.51	1.33	1.23
140-302P9-332K-RC	3300	16	9.5	1.61	1.52	1.36
140-302P9-472K-RC	4700	16	9.5	1.72	1.65	1.47
3000 VDC, Temp. Coef.: Z5U, Tol.: ±20%						
140-302Z6-102M-RC	1000	8	6.4	.36	.277	.229
140-302Z9-222M-RC	2200	10	9.5	.99	.747	.675
140-302Z9-472M-RC	4700	16	9.5	.99	.747	.675
140-302Z9-103M-RC	.01µF	18	9.5	1.71	1.29	1.18
6000 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-602P9-221K-RC	220	10.5	9.5	.53	.349	.289
140-602P9-471K-RC	470	16	9.5	.75	.494	.41

Ceramic Caps, Leaded Xicon

XICON 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 of 8,000 and up, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	2000	4000
50 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-50P2-471K-TB-RC	470	5.0	2.5	.06	.022	.018
140-50P5-471K-TB-RC	470	5.0	5.0	.08	.018	.015
140-50P2-102K-TB-RC	1,000	5.0	2.5	.08	.022	.018
140-50P5-102K-TB-RC	1,000	5.0	5.0	.08	.022	.018
140-50P5-222K-TB-RC	2,200	5.0	5.0	.08	.022	.018
140-50P5-103K-TB-RC	10,000	16.0	5.0	.15	.046	.037

For quantities of 8,000 and up, call for quote.

MOUSER STOCK NO.	Value (pF)	Dia. (mm)	LS (mm)	Price Each		
				1	2000	4000
100 VDC, Temp. Coef.: Z5U, Tol.: +80% to -20%						
140-100Z5-103Z-TB-RC	10,000	7.5	5.0	.09	.03	.024
†140-100Z5-473Z-TB-RC	47,000	12.0	5.0	.16	.10	.087
500 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-500P5-101K-TB-RC	100	5.0	5.0	.11	.031	.025
140-500P5-221K-TB-RC	220	5.0	5.0	.11	.031	.025
140-500P5-471K-TB-RC	470	5.0	5.0	.11	.031	.025
500 VDC, Temp. Coef.: Z5U, Tol.: +80% to -20%						
140-500Z5-103Z-TB-RC	10,000	10.5	5.0	.18	.087	.065
2000 VDC, Temp. Coef.: Y5P, Tol.: ±10%						
140-500P5-103K-TB-RC	1,000	8.5	5.0	.22	.087	.071

XICON 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
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