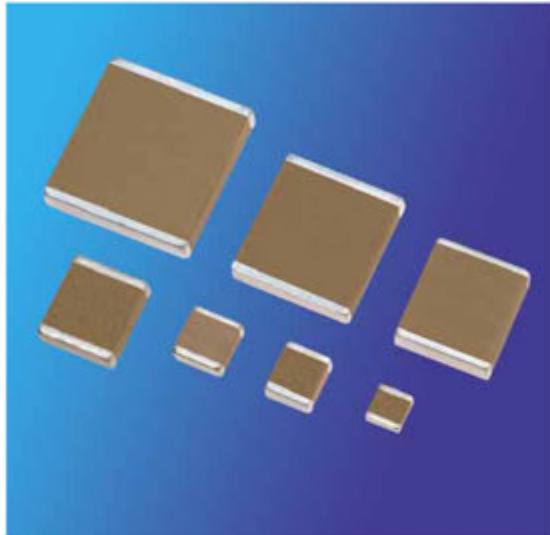


LARGE FORM FACTOR CAPACITOR CHIPS 50 - 5,000 VDC

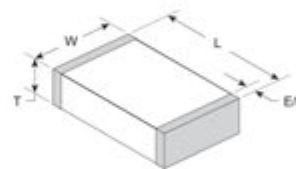


KEY FEATURES

- Rated Working Voltages from 50 to 15,000 VDC
- Hi-Rel Screened Versions Available
- Custom Sizes, Voltages, and Values Available

APPLICATIONS

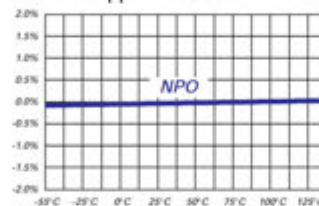
- Power Supplies
- Voltage Multipliers
- Data Isolation
- Surge Protection
- Industrial Control Circuits
- Custom Applications



DIELECTRIC CHARACTERISTICS

TEMPERATURE COEFFICIENT:
TYPICAL CAPACITANCE
CHANGE VS TEMPERATURE:

NPO DIELECTRIC
 $0 \pm 30 \text{ ppm} / ^\circ\text{C}$, -55 to 125°C



DISSIPATION FACTOR:
AGEING:
INSULATION RESISTANCE:

.001 (0.1%) max, 1KHz, 25°C
None
1000 \square F or 100 G \square , whichever is less @ 25°C, WVDC (1KVDC max)

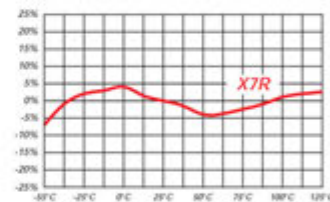
DIELECTRIC STRENGTH:
FOR 1,000 - 5,000 V RATINGS:
FOR 500 V RATINGS:
FOR 200 - 250 V RATINGS:
FOR 50 - 100 V RATINGS:

1.2 X WVDC, 25°C, 50 mA max
750 VDC, 25°C, 50 mA max
2.0 X WVDC, 25°C, 50 mA max
2.5 X WVDC, 25°C, 50 mA max

TEST PARAMETERS:

1KHz \pm 50Hz, 1.0 \pm 0.2 VRMS, 25°C

X7R DIELECTRIC
 $0 \pm 15\%$, -55 to 125°C



.025 (2.5%) max, 1KHz, 25°C
2.5% / decade hour
1000 \square F or 100 G \square , whichever is less @ 25°C, WVDC (1KVDC max)

1.2 X WVDC, 25°C, 50 mA max
750 VDC, 25°C, 50 mA max
2.0 X WVDC, 25°C, 50 mA max
2.5 X WVDC, 25°C, 50 mA max

1KHz \pm 50Hz, 1.0 \pm 0.2 VRMS, 25°C

CAPACITANCE / VOLTAGE SELECTION

CHIP SIZE			RATED VOLTAGE	NPO DIELECTRIC		X7R DIELECTRIC					
				MIN.	MAX.	MIN.	MAX.				
H62 / 4540 Inches (mm) L .450 ± .045 (11.4 ± 1.1) W .400 ± .040 (10.16 ± 1.0) Ts .200 ± .020 5.08 (Max) E/B .025 ± .015 (0.64 ± .38)			50/63 VDC	102	1000 pF	224	.220 μF	103	.010 μF	805	8.00 μF
			100 VDC	102	1000 pF	184	.180 μF	103	.010 μF	545	5.40 μF
			200/250 VDC	102	1000 pF	154	.150 μF	103	.010 μF	405	4.70 μF
			500 VDC	101	100 pF	104	.100 μF	473	.047 μF	105	1.00 μF
			1000 VDC	101	100 pF	103	.010 μF	472	4700 pF	334	.330 μF
			2000 VDC	101	100 pF	682	6800 pF	682	6800 pF	104	.100 μF
			3000 VDC	101	100 pF	332	3300 pF	102	1000 pF	683	.068 μF
			4000 VDC	101	100 pF	222	2200 pF	471	470 pF	223	.022 μF
			5000 VDC	101	100 pF	102	1000 pF	471	470 pF	103	.010 μF
			H66 / 5550 Inches (mm) L .550 ± .055 14.0 ± 1.4 W .500 ± .050 12.7 ± 1.3 Ts .200 ± .020 5.08 (Max) E/B .025 ± .015 0.64 ± 0.38			50/63 VDC	102	1000 pF	394	.390 μF	103
100 VDC	102	1000 pF				274	.270 μF	103	.010 μF	805	8.00 μF
200/250 VDC	102	1000 pF				224	.220 μF	103	.010 μF	625	6.20 μF
500 VDC	102	1000 pF				154	.150 μF	103	.010 μF	335	3.30 μF
1000 VDC	101	100 pF				153	.015 μF	472	4700 pF	125	1.20 μF
2000 VDC	101	100 pF				103	.010 μF	472	4700 pF	444	.440 μF
3000 VDC	101	100 pF				472	4700 pF	102	1000 pF	134	.130 μF
4000 VDC	101	100 pF				332	3300 pF	102	1000 pF	413	.041 μF
5000 VDC	101	100 pF				222	2200 pF	102	1000 pF	203	.020 μF
H70 / 6560 Inches (mm) L .650 ± .065 16.5 ± 1.7 W .600 ± .060 15.2 ± 1.5 Ts .200 ± .020 5.08 (Max) E/B .025 ± .015 0.64 ± 0.38						50/63 VDC	102	1000 pF	564	.560 μF	103
			100 VDC	102	1000 pF	474	.470 μF	103	.010 μF	146	14.0 μF
			200/250 VDC	102	1000 pF	334	.330 μF	103	.010 μF	106	10.0 μF
			500 VDC	102	1000 pF	224	.220 μF	103	.010 μF	575	5.70 μF
			1000 VDC	101	100 pF	223	.022 μF	103	.010 μF	215	2.10 μF
			2000 VDC	101	100 pF	153	.015 μF	472	4700 pF	624	.620 μF
			3000 VDC	101	100 pF	682	6800 pF	472	4700 pF	194	.190 μF
			4000 VDC	101	100 pF	472	4700 pF	102	1000 pF	543	.054 μF
			5000 VDC	101	100 pF	332	3300 pF	102	1000 pF	263	.026 μF
			H72 / 7565 Inches (mm) L .750 ± .075 19.1 ± 1.9 W .650 ± .065 16.5 ± 1.7 Ts .200 ± .020 5.08 (Max) E/B .025 ± .015 0.64 ± 0.38			50/63 VDC	102	1000 pF	824	.820 μF	103
100 VDC	102	1000 pF				684	.680 μF	103	.010 μF	196	19.0 μF
200/250 VDC	102	1000 pF				474	.470 μF	103	.010 μF	146	14.0 μF
500 VDC	102	1000 pF				334	.330 μF	103	.010 μF	735	7.30 μF
1000 VDC	102	1000 pF				104	.100 μF	103	.010 μF	285	2.80 μF
2000 VDC	101	100 pF				563	.056 μF	472	4700 pF	804	.800 μF
3000 VDC	101	100 pF				333	.033 μF	472	4700 pF	254	.250 μF
4000 VDC	101	100 pF				103	.010 μF	102	1000 pF	803	.080 μF
5000 VDC	101	100 pF				682	6800 pF	102	1000 pF	413	.041 μF

Other sizes and Hi-rel screened versions available.
 Contact the factory for RoHS products.

If you don't see it here, just ask.

MADE in the USA

HOW TO ORDER

