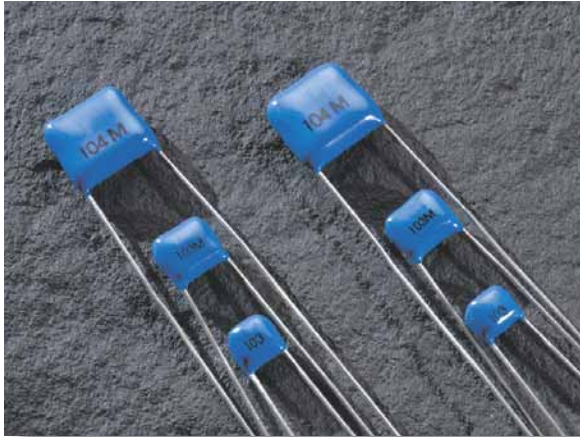


HIGH VOLTAGE RADIAL LEADED CAPACITORS







KEY FEATURES

- Rated Working Voltages from 500 to 15,000 VDC
- Rugged Epoxy Coating Offers Increased Protection
- Compact MLC Designs Smaller Than Film or Disc
- DSCC Drawing & Other Screened Versions Available
- Custom Sizes, Voltages, and Values Available

APPLICATIONS

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

CAPACITANCE / VOLTAGE SELECTION





				RATED	NPO CAPACITANCE (MAX.)		X7R CAPACITANCE (MAX.)	
				VOLTAGE	VALUE	CODE	VALUE	CODE
 H42		In.	(mm)	500 VDC	4700 pF	472	.150 µF	154
	W	0.250 Max	(6.35 Max)	1000 VDC	1500 pF	152	.055 µF	553
	H	0.220 Max	(5.59 Max)	2000 VDC	680 pF	681	9000 pF	902
	T	0.270 Max	(6.86 Max)	3000 VDC	330 pF	331	2800 pF	282
	S	0.170 ±0.03	(4.32 ±0.76)	4000 VDC	150 pF	151	630 pF	631
	Ld	0.025 ±.002	(0.64 ±0.05)	5000 VDC	100 pF	101	550 pF	531
 H47		In.	(mm)	500 VDC	.022 µF	223	.480 µF	484
	W	0.370 Max	(9.40 Max)	1000 VDC	3300 pF	332	.170 µF	174
	H	0.300 Max	(7.62 Max)	2000 VDC	1500 pF	152	.025 µF	253
	T	0.270 Max	(6.86 Max)	3000 VDC	680 pF	681	.011 µF	113
	S	0.275 ±0.03	(6.99 ±0.76)	4000 VDC	330 pF	331	1800 pF	182
	Ld	0.025 ±.002	(0.64 ±0.05)	5000 VDC	220 pF	221	940 pF	941
 H51		In.	(mm)	500 VDC	.056 µF	563	1.20 µF	125
	W	0.470 Max	(12.0 Max)	1000 VDC	4700 pF	472	.450 µF	454
	H	0.400 Max	(10.2 Max)	2000 VDC	3300 pF	332	.094 µF	943
	T	0.320 Max	(8.13 Max)	3000 VDC	1500 pF	152	.043 µF	433
	S	0.375 ±0.03	(9.53 ±0.76)	4000 VDC	1000 pF	102	.010 µF	103
	Ld	0.025 ±.002	(0.64 ±0.05)	5000 VDC	470 pF	471	4900 pF	492
 H62		In.	(mm)	500 VDC	.100 µF	104	2.20 µF	225
	W	0.570 Max	(14.5 Max)	1000 VDC	.010 µF	103	.804 µF	804
	H	0.500 Max	(12.7 Max)	2000 VDC	6800 pF	682	.240 µF	244
	T	0.320 Max	(8.13 Max)	3000 VDC	3300 pF	332	.073 µF	733
	S	0.475 ±0.03	(12.1 ±0.76)	4000 VDC	2200 pF	222	.028 µF	283
	Ld	0.025 ±.002	(0.64 ±0.05)	5000 VDC	1000 pF	102	.013 µF	133

Dielectric specifications may be found on page 16.
Contact the factory for RoHS products.

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

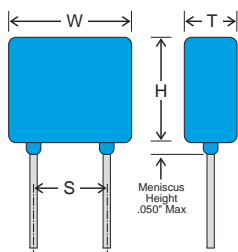
MADE in the USA

CAPACITANCE / VOLTAGE SELECTION

		In.	(mm)	RATED		NPO CAPACITANCE (MAX.)		X7R CAPACITANCE (MAX.)	
				VOLTAGE	VALUE	CODE	VALUE	CODE	
 H66	W	0.670 Max	(17.0 Max)	500 VDC	.150 μ F	154	3.30 μ F	335	
	H	0.600 Max	(15.2 Max)	1000 VDC	.015 μ F	153	1.20 μ F	125	
	T	0.320 Max	(8.13 Max)	2000 VDC	.010 μ F	103	.440 μ F	444	
	S	0.575 \pm 0.03	(14.6 \pm 0.76)	3000 VDC	4700 pF	472	.013 μ F	134	
	S	0.575 \pm 0.03	(14.6 \pm 0.76)	4000 VDC	3300 pF	332	.041 μ F	413	
	Ld	0.025 \pm .002	(0.64 \pm 0.05)	5000 VDC	2200 pF	222	.020 μ F	203	
 H70	W	0.770 Max	(19.6 Max)	500 VDC	.220 μ F	224	5.70 μ F	575	
	H	0.720 Max	(18.3 Max)	1000 VDC	.022 μ F	223	2.10 μ F	215	
	T	0.320 Max	(8.13 Max)	2000 VDC	.015 μ F	153	.620 μ F	624	
	S	0.675 \pm 0.03	(17.1 \pm 0.76)	3000 VDC	6800 pF	682	.190 μ F	194	
	S	0.675 \pm 0.03	(17.1 \pm 0.76)	4000 VDC	4700 pF	472	.054 μ F	543	
	Ld	0.025 \pm .002	(0.64 \pm 0.05)	5000 VDC	3300 pF	332	.026 μ F	263	
 H72	W	0.870 Max	(22.1 Max)	500 VDC	.330 μ F	334	7.30 μ F	735	
	H	0.750 Max	(19.1 Max)	1000 VDC	.100 μ F	104	2.80 μ F	285	
	T	0.320 Max	(8.13 Max)	2000 VDC	.056 μ F	563	.800 μ F	804	
	S	0.775 \pm 0.03	(19.7 \pm 0.76)	3000 VDC	.033 μ F	333	.250 μ F	254	
	S	0.775 \pm 0.03	(19.7 \pm 0.76)	4000 VDC	.010 μ F	103	.080 μ F	803	
	Ld	0.025 \pm .002	(0.64 \pm 0.05)	5000 VDC	6800 pF	682	.041 μ F	413	
 H80	W	1.450 Max	(36.8 Max)	500 VDC	.470 μ F	474	12.0 μ F	126	
	H	0.720 Max	(18.3 Max)	1000 VDC	.150 μ F	154	4.60 μ F	465	
	T	0.320 Max	(8.13 Max)	2000 VDC	.082 μ F	823	1.20 μ F	125	
	S	1.375 \pm 0.03	(34.9 \pm 0.76)	3000 VDC	.047 μ F	473	.390 μ F	394	
	S	1.375 \pm 0.03	(34.9 \pm 0.76)	4000 VDC	.015 μ F	153	.130 μ F	134	
	Ld	0.025 \pm .002	(.064 \pm 0.05)	5000 VDC	.010 μ F	103	.068 μ F	683	

Dielectric specifications may be found on page 16.
Contact the factory for RoHS products.

If you don't see it here, just ask.
MADE in the USA



NOTE: Lead lengths are typically 1.25" for orders in bulk packaging. Leads are typically 1.00" for tape and reel packaging. Tape and reel packaging comes in 1000 piece reels.

Consult factory for voltages up to 15KV and other tooled sizes such as 2020, 3327, 3640, & 4020

HOW TO ORDER

<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">102</div> <p>VOLTAGE</p> <p>Standard Voltages:</p> <p>501 = 500 V 102 = 1000 V 202 = 2000 V 302 = 3000 V 402 = 4000 V 502 = 5000 V 103 = 10000 V* 153 = 15000 V*</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">H42</div> <p>CASE SIZE</p> <p>See Chart</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">W</div> <p>DIELECTRIC</p> <p>N = NPO W = X7R</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">101</div> <p>CAPACITANCE</p> <p>1st two digits are significant; third digit denotes number of zeros.</p> <p>101 = 100 pF 102 = 1000 pF 103 = 0.01 μF 105 = 1.00 μF</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">K</div> <p>TOLERANCE</p> <p>J = \pm 5% K = \pm 10% M = \pm 20% Z = +80% -20%</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">Q</div> <p>TERMINATION</p> <p>Q = Leaded & Encapsulated</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;">4</div> <p>MARKING</p> <p>4 = Standard 3 = Specified</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; margin: 0 auto;"></div> <p>SPECIAL MODIFIER</p> <p>T = Tape and Reel H = High Rel Testing per Customer</p>
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Part number written: 102H42W101KQ4

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