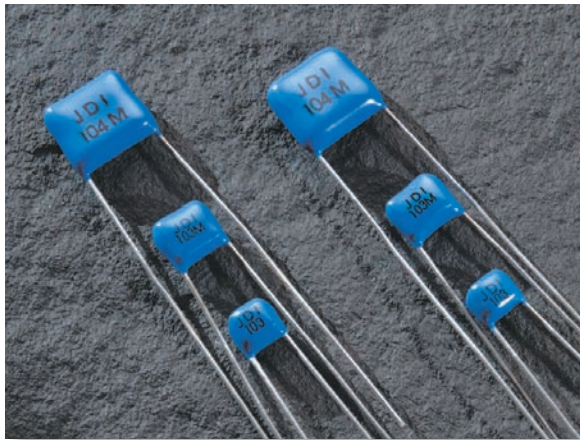




HIGH VOLTAGE RADIAL LEADED CAPACITORS







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

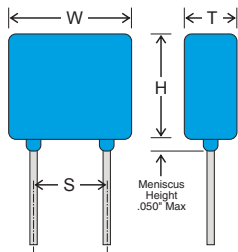
- Power Supplies
- Voltage Multipliers
- Data Isolation
- Surge Protection
- Industrial Control Circuits
- Custom Applications

CAPACITANCE / VOLTAGE SELECTION

				RATED		NPO CAPACITANCE (MAX.)		X7R CAPACITANCE (MAX.)	
				VOLTAGE	VALUE	CODE	VALUE	CODE	
 H42		In.	(mm)	500 VDC	4700 pF	472	.068 μF	683	
	W	0.250 Max	(6.35 Max)	1000 VDC	1500 pF	152	.022 μF	223	
	H	0.220 Max	(5.59 Max)	2000 VDC	680 pF	681	3300 pF	332	
	T	0.270 Max	(6.86 Max)	3000 VDC	330 pF	331	2200 pF	222	
	S	0.170 ±0.03	(4.32 ±0.76)	4000 VDC	150 pF	151	680 pF	681	
	Ld	0.025 ±.002	(0.64 ±0.05)	5000 VDC	100 pF	101	330 pF	331	
 H47		In.	(mm)	500 VDC	.022 μF	223	.220 μF	224	
	W	0.370 Max	(9.40 Max)	1000 VDC	3300 pF	332	.068 μF	683	
	H	0.300 Max	(7.62 Max)	2000 VDC	1500 pF	152	.015 μF	153	
	T	0.270 Max	(6.86 Max)	3000 VDC	680 pF	681	6800 pF	682	
	S	0.275 ±0.03	(6.99 ±0.76)	4000 VDC	330 pF	331	2200 pF	222	
	Ld	0.025 ±.002	(0.64 ±0.05)	5000 VDC	220 pF	221	1000 pF	102	
 H51		In.	(mm)	500 VDC	.056 μF	563	.470 μF	474	
	W	0.470 Max	(12.0 Max)	1000 VDC	4700 pF	472	.150 μF	154	
	H	0.400 Max	(10.2 Max)	2000 VDC	3300 pF	332	.047 μF	473	
	T	0.320 Max	(8.13 Max)	3000 VDC	1500 pF	152	.033 μF	333	
	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	6800 pF	682	
 H62		In.	(mm)	500 VDC	.100 μF	104	1.00 μF	105	
	W	0.570 Max	(14.5 Max)	1000 VDC	.010 μF	103	.330 μF	334	
	H	0.500 Max	(12.7 Max)	2000 VDC	6800 pF	682	.100 μF	104	
	T	0.320 Max	(8.13 Max)	3000 VDC	3300 pF	332	.068 μF	683	
	S	0.475 ±0.03	(12.1 ±0.76)	4000 VDC	2200 pF	222	.022 μF	223	
	Ld	0.025 ±.002	(0.64 ±0.05)	5000 VDC	1000 pF	102	.010 μF	103	

CAPACITANCE / VOLTAGE SELECTION

			RATED	NPO CAPACITANCE (MAX.)		X7R CAPACITANCE (MAX.)	
		In. (mm)	VOLTAGE	VALUE	CODE	VALUE	CODE
 H66	W	0.670 Max (17.0 Max)	500 VDC	.150 µF	154	1.50 µF	155
	H	0.600 Max (15.2 Max)	1000 VDC	.015 µF	153	.470 µF	474
	T	0.320 Max (8.13 Max)	2000 VDC	.010 µF	103	.150 µF	154
	S	0.575 ±0.03 (14.6 ±0.76)	3000 VDC	4700 pF	472	.068 µF	683
	S	0.575 ±0.03 (14.6 ±0.76)	4000 VDC	3300 pF	332	.022 µF	223
	Ld	0.025 ±.002 (0.64 ±0.05)	5000 VDC	2200 pF	222	.010 µF	103
 H70	W	0.770 Max (19.6 Max)	500 VDC	.220 µF	224	2.20 µF	225
	H	0.720 Max (18.3 Max)	1000 VDC	.022 µF	223	1.00 µF	105
	T	0.320 Max (8.13 Max)	2000 VDC	.015 µF	153	.220 µF	224
	T	0.320 Max (8.13 Max)	3000 VDC	6800 pF	682	.150 µF	154
	S	0.675 ±0.03 (17.1 ±0.76)	4000 VDC	4700 pF	472	.047 µF	473
	Ld	0.025 ±.002 (0.64 ±0.05)	5000 VDC	3300 pF	332	.033 µF	333
 H72	W	0.870 Max (22.1 Max)	500 VDC	.330 µF	334	3.30 µF	335
	H	0.750 Max (19.1 Max)	1000 VDC	.100 µF	104	1.80 µF	185
	H	0.750 Max (19.1 Max)	2000 VDC	.056 µF	563	.390 µF	394
	T	0.320 Max (8.13 Max)	3000 VDC	.033 µF	333	.180 µF	184
	S	0.775 ±0.03 (19.7 ±0.76)	4000 VDC	.010 µF	103	.056 µF	563
	Ld	0.025 ±.002 (0.64 ±0.05)	5000 VDC	6800 pF	682	.039 µF	393
 H80	W	1.450 Max (36.8 Max)	500 VDC	.470 µF	474	4.70 µF	475
	H	0.720 Max (18.3 Max)	1000 VDC	.150 µF	154	2.20 µF	225
	H	0.720 Max (18.3 Max)	2000 VDC	.082 µF	823	.470 µF	474
	T	0.320 Max (8.13 Max)	3000 VDC	.047 µF	473	.330 µF	334
	S	1.375 ±0.03 (34.9 ±0.76)	4000 VDC	.015 µF	153	.100 µF	104
	Ld	0.025 ±.002 (.064 ±0.05)	5000 VDC	.010 µF	103	.068 µF	683



Dielectric specifications are listed on page 16

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

HOW TO ORDER

102	H42	W	101	K	Q	4	
VOLTAGE	CASE SIZE	DIELECTRIC	CAPACITANCE	TOLERANCE	TERMINATION	MARKING	SPECIAL MODIFIER
Standard Voltages: 501 = 500 V 102 = 1000 V 202 = 2000 V 302 = 3000 V 402 = 4000 V 502 = 5000 V 103 = 10000 V* 153 = 15000 V*	See Chart	N = NPO W = X7R	1st two digits are significant; third digit denotes number of zeros. 101 = 100 pF 102 = 1000 pF 103 = 0.01 µF 105 = 1.00 µF	J = ± 5% K = ± 10% M = ± 20% Z = +80% -20%	Q = Leaded & Encapsulated	4 = Standard 3 = Specified	H = High Rel Testing per Customer
		*Consult factory for availability	Part number written: 102H42W101KQ4				