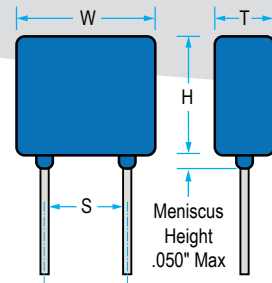
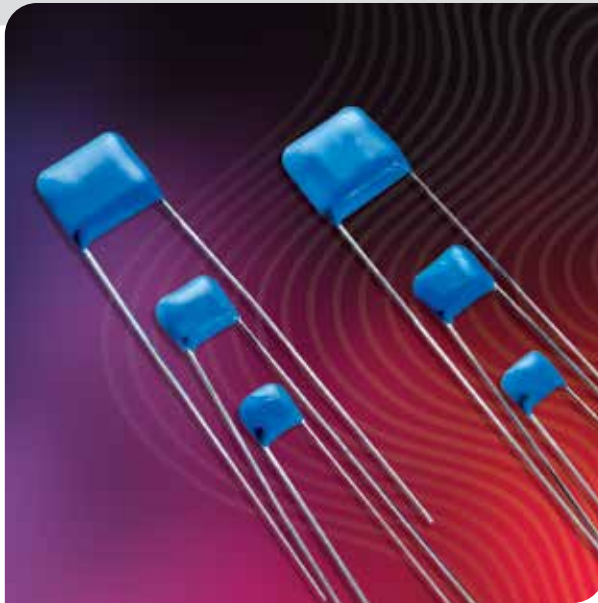




Capacitors  
**Radial Leaded (Switchmode)**







**Features:**

- Rated Working Voltages from 25 to 500 VDC
- Rugged Epoxy Coating Offers Increased Protection
- Hi-Rel Screened Versions Available
- Custom Sizes, Voltages, and Values Available

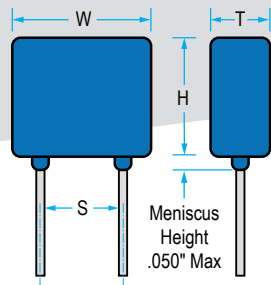
**Common Applications:**

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

Code / EIA Size		Inches	Millimeters	RATED VOLTAGE	NP0 Capacitance (MAX.)		X7R Capacitance (MAX.)	
					VALUE	CODE	VALUE	CODE
 DT / 1820	W	.300 max.	(7.62 max.)	25 VDC	.070 $\mu$ F	703	2.00 $\mu$ F	205
	H	.300 max.	(7.62 max.)	50 VDC	.060 $\mu$ F	603	1.60 $\mu$ F	165
	T	.200 max.	(5.08 max.)	100 VDC	.050 $\mu$ F	503	1.10 $\mu$ F	115
	S	.200 nom.	(5.08 nom.)	200 VDC	.040 $\mu$ F	403	.730 $\mu$ F	734
	LD	.020 nom.	(.510 nom.)	500 VDC	.020 $\mu$ F	203	.250 $\mu$ F	254
 EX / 2830	W	.400 max.	(10.2 max.)	25 VDC	.120 $\mu$ F	124	5.10 $\mu$ F	515
	H	.400 max.	(10.2 max.)	50 VDC	.100 $\mu$ F	104	4.10 $\mu$ F	415
	T	.200 max.	(5.08 max.)	100 VDC	.082 $\mu$ F	823	2.70 $\mu$ F	275
	S	.200 nom.	(5.08 nom.)	200 VDC	.050 $\mu$ F	503	1.80 $\mu$ F	185
	LD	.020 nom.	(.510 nom.)	500 VDC	.030 $\mu$ F	303	.670 $\mu$ F	674
 FR / 3840	W	.500 max.	(12.7 max.)	25 VDC	.240 $\mu$ F	244	8.70 $\mu$ F	875
	H	.500 max.	(12.7 max.)	50 VDC	.200 $\mu$ F	204	7.20 $\mu$ F	725
	T	.200 max.	(5.08 max.)	100 VDC	.180 $\mu$ F	184	4.80 $\mu$ F	485
	S	.400 nom.	(10.2 nom.)	200 VDC	.110 $\mu$ F	114	3.30 $\mu$ F	335
	LD	.025 nom.	(.635 nom.)	500 VDC	.070 $\mu$ F	703	1.10 $\mu$ F	115
 KD / 7450	W	.870 max.	(22.1 max.)	25 VDC	.750 $\mu$ F	754	22.0 $\mu$ F	226
	H	.600 max.	(15.2 max.)	50 VDC	.620 $\mu$ F	624	17.0 $\mu$ F	176
	T	.200 max.	(5.08 max.)	100 VDC	.560 $\mu$ F	564	13.0 $\mu$ F	136
	S	.790 nom.	(20.1 nom.)	200 VDC	.360 $\mu$ F	364	8.00 $\mu$ F	805
	LD	.032 nom.	(.813 nom.)	500 VDC	.240 $\mu$ F	244	2.90 $\mu$ F	295







## Capacitors Radial Leaded (Switchmode)



**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.

LD = Lead Diameter.

Code / EIA Size	Inches	Millimeters	Rated Voltage	NP0 Capacitance (Max.)		X7R Capacitance (Max.)		
				VALUE	CODE	VALUE	CODE	
 MD / 9750	W H T S LD	1.10 max. .600 max. .200 max. .980 nom. .032 nom.	(27.9 max.) (15.2 max.) (5.08 max.) (24.9 nom.) (.813 nom.)	25 VDC	.680 $\mu$ F	684	35.0 $\mu$ F	356
				50 VDC	.560 $\mu$ F	564	28.0 $\mu$ F	286
				100 VDC	.470 $\mu$ F	474	19.0 $\mu$ F	196
				200 VDC	.330 $\mu$ F	334	13.0 $\mu$ F	136
				500 VDC	.200 $\mu$ F	204	4.60 $\mu$ F	465
 MD / 9750	W H T S LD	1.10 max. .600 max. .350 max. .980 nom. .032 nom.	(27.9 max.) (15.2 max.) (8.89 max.) (24.9 nom.) (.813 nom.)	25 VDC	1.20 $\mu$ F	125	70.0 $\mu$ F	706
				50 VDC	1.10 $\mu$ F	115	56.0 $\mu$ F	566
				100 VDC	.820 $\mu$ F	824	37.0 $\mu$ F	376
				200 VDC	.470 $\mu$ F	474	26.0 $\mu$ F	266
				500 VDC	.300 $\mu$ F	304	8.70 $\mu$ F	875
 HF / 5344	W H T S LD	.670 max. .540 max. .200 max. .575 nom. .025 nom.	(17 max.) (13.7 max.) (5.08 max.) (14.6 nom.) (.635 nom.)	25 VDC	.450 $\mu$ F	454	13.0 $\mu$ F	136
				50 VDC	.360 $\mu$ F	364	10.0 $\mu$ F	106
				100 VDC	.330 $\mu$ F	334	7.20 $\mu$ F	725
				200 VDC	.240 $\mu$ F	244	5.00 $\mu$ F	505
				500 VDC	.180 $\mu$ F	184	1.70 $\mu$ F	175
 LF / 8060	W H T S LD	.930 max. .720 max. .250 max. .800 nom. .032 nom.	(23.6 max.) (18.3 max.) (6.35 max.) (20.3 nom.) (.813 nom.)	25 VDC	1.00 $\mu$ F	105	38.0 $\mu$ F	386
				50 VDC	.900 $\mu$ F	904	30.0 $\mu$ F	306
				100 VDC	.750 $\mu$ F	754	20.0 $\mu$ F	206
				200 VDC	.470 $\mu$ F	474	14.0 $\mu$ F	146
				500 VDC	.300 $\mu$ F	304	5.80 $\mu$ F	585

### HOW TO ORDER

RL	MF	201	G	101	J	3	QN	001	T
Subfamily	Size	Voltage	Dielectric	Capacitance	Tolerance	Mark	Termination	Special Code	Packing
RL = Radial Leaded	See Chart	250 = 25 V 500 = 50 V 101 = 100 V 201 = 200 V 501 = 500 V	G = NP0/C0G W = X7R	1st two digits are significant; 3rd digit denotes number of zeros. 101 = 100 pF 103 = 0.01 $\mu$ F 105 = 1.00 $\mu$ F	J = $\pm$ 5% K = $\pm$ 10% M = $\pm$ 20% Z = +80% -20%	3 = Cap Code & Tol Z = Special Code	QN = Radial Wire Encap (Ni/SnPb) QR = Radial Wire Encap (Ni/Sn RoHS) RR = Radial Wire (Ni/Sn RoHS) RN = Radial Wire (Ni/SnPb)	001 = Default catalog item	B = Bulk T = 7" Reel Paper Tape Z = Special

Example: **RLMF201G823M3RN001T** Capacitors Radial Leaded, Special, NP0/C0G cap, 200.0V, 0.08 $\mu$ F $\pm$ 20% cap, Radial Wire (Ni/SnPb), 7" Reel Paper Tape cap