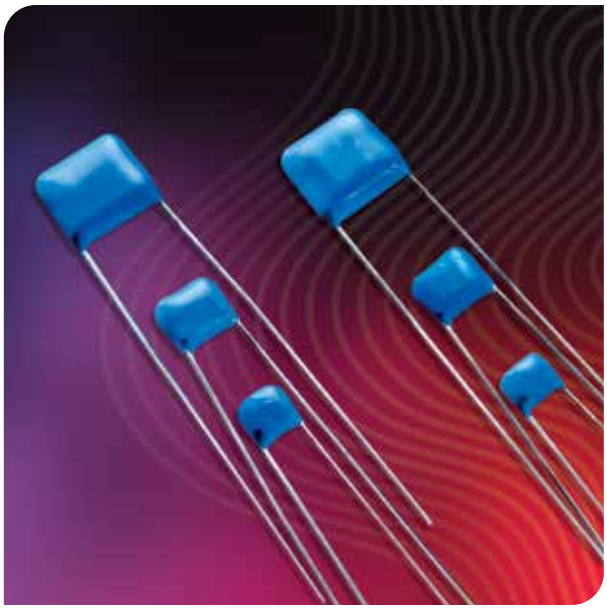
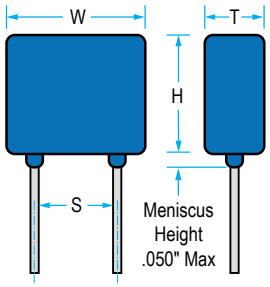
Capacitors

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

Code - Legacy | EIA Size		Inches	Millimeters	RATED VOLTAGE	NP0 Capacitance (MAX.)		X7R Capacitance (MAX.)	
					VALUE	CODE	VALUE	CODE
 **DT** - H03 | **1820**	W H T S LD	.300 max. .300 max. .200 max. .200 nom. .020 nom.	(7.62 max.) (7.62 max.) (5.08 max.) (5.08 nom.) (.510 nom.)	25 VDC	.070 µF	703	2.00 µF	205
				50 VDC	.060 µF	603	1.60 µF	165
				100 VDC	.050 µF	503	1.10 µF	115
				200 VDC	.040 µF	403	.730 µF	734
				500 VDC	.020 µF	203	.250 µF	254
 **EX** - H04 | **2830**	W H T S LD	.400 max. .400 max. .200 max. .200 nom. .020 nom.	(10.2 max.) (10.2 max.) (5.08 max.) (5.08 nom.) (.510 nom.)	25 VDC	.120 µF	124	5.10 µF	515
				50 VDC	.100 µF	104	4.10 µF	415
				100 VDC	.082 µF	823	2.70 µF	275
				200 VDC	.050 µF	503	1.80 µF	185
				500 VDC	.030 µF	303	.670 µF	674
 **FR** - H05 | **3840**	W H T S LD	.500 max. .500 max. .200 max. .400 nom. .025 nom.	(12.7 max.) (12.7 max.) (5.08 max.) (10.2 nom.) (.635 nom.)	25 VDC	.240 µF	244	8.70 µF	875
				50 VDC	.200 µF	204	7.20 µF	725
				100 VDC	.180 µF	184	4.80 µF	485
				200 VDC	.110 µF	114	3.30 µF	335
				500 VDC	.070 µF	703	1.10 µF	115
 **KD** - H06 | **7450**	W H T S LD	.870 max. .600 max. .200 max. .790 nom. .032 nom.	(22.1 max.) (15.2 max.) (5.08 max.) (20.1 nom.) (.813 nom.)	25 VDC	.750 µF	754	22.0 µF	226
				50 VDC	.620 µF	624	17.0 µF	176
				100 VDC	.560 µF	564	13.0 µF	136
				200 VDC	.360 µF	364	8.00 µF	805
				500 VDC	.240 µF	244	2.90 µF	295

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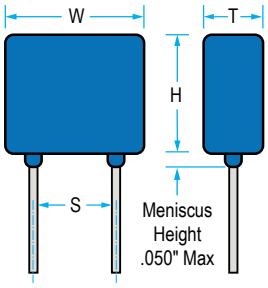

NOTE: Lead lengths are typically 1.25" for orders in bulk packaging.
Leads are typically 1.00" for tape and reel packaging.
Tape and reel packaging comes in 1000 piece reels.

LD = Lead Diameter.

Code - Legacy | EIA Size		Inches	Millimeters	Rated Voltage	NP0 Capacitance (Max.)		X7R Capacitance (Max.)	
					VALUE	CODE	VALUE	CODE
 **MD** - H07 | **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 µF	684	35.0 µF	356
				50 VDC	.560 µF	564	28.0 µF	286
				100 VDC	.470 µF	474	19.0 µF	196
				200 VDC	.330 µF	334	13.0 µF	136
				500 VDC	.200 µF	204	4.60 µF	465
 **MD** - H08 | **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 µF	125	70.0 µF	706
				50 VDC	1.10 µF	115	56.0 µF	566
				100 VDC	.820 µF	824	37.0 µF	376
				200 VDC	.470 µF	474	26.0 µF	266
				500 VDC	.300 µF	304	8.70 µF	875
 **HF** - H09 | **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 µF	454	13.0 µF	136
				50 VDC	.360 µF	364	10.0 µF	106
				100 VDC	.330 µF	334	7.20 µF	725
				200 VDC	.240 µF	244	5.00 µF	505
				500 VDC	.180 µF	184	1.70 µF	175
 **LF** - H10 | **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 µF	105	38.0 µF	386
				50 VDC	.900 µF	904	30.0 µF	306
				100 VDC	.750 µF	754	20.0 µF	206
				200 VDC	.470 µF	474	14.0 µF	146
				500 VDC	.300 µF	304	5.80 µF	585

HOW TO ORDER

RL	MF	201	G	823	M	3	RN	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 µF **105** = 1.00 µF	**J** = ± 5% **K** = ± 10% **M** = ± 20% **X** = +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, 0.08µF±20% cap, Radial Wire (Ni/SnPb), 7" Reel Paper Tape cap

RESOURCE ▶ https://www.johansondielectrics.com/commercial-switch-mode-radial-leaded-capacitors