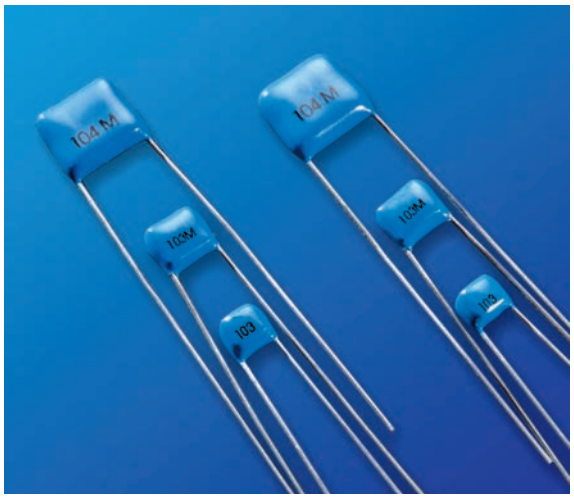
Switch-Mode Radial Leaded Capacitors



Key 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

Advantages

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

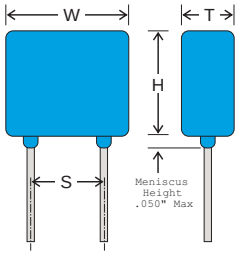
Case Size

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

Switch-Mode Radial Leaded Capacitors

Case Size

		IN.	(MM)	RATED VOLTAGE	NP0 CAPACITANCE (MAX.) VALUE	NP0 CAPACITANCE (MAX.) CODE	X7R CAPACITANCE (MAX.) VALUE	X7R CAPACITANCE (MAX.) CODE
 H07	W	1.10 max.	(27.9 max.)	25 VDC	.680 µF	684	35.0 µF	356
	H	.600 max.	(15.2 max.)	50 VDC	.560 µF	564	28.0 µF	286
	T	.200 max.	(5.08 max.)	100 VDC	.470 µF	474	19.0 µF	196
	S	.980 nom.	(24.9 nom.)	200 VDC	.330 µF	334	13.0 µF	136
	LD	.032 nom.	(.813 nom.)	500 VDC	.200 µF	204	4.60 µF	465
 H08	W	1.10 max.	(27.9 max.)	25 VDC	1.20 µF	125	70.0 µF	706
	H	.600 max.	(15.2 max.)	50 VDC	1.10 µF	115	56.0 µF	566
	T	.350 max.	(8.89 max.)	100 VDC	.820 µF	824	37.0 µF	376
	S	.980 nom.	(24.9 nom.)	200 VDC	.470 µF	474	26.0 µF	266
	LD	.032 nom.	(.813 nom.)	500 VDC	.300 µF	304	8.70 µF	875
 H09	W	.670 max.	(17 max.)	25 VDC	.450 µF	454	13.0 µF	136
	H	.540 max.	(13.7 max.)	50 VDC	.360 µF	364	10.0 µF	106
	T	.200 max.	(5.08 max.)	100 VDC	.330 µF	334	7.20 µF	725
	S	.575 nom.	(14.6 nom.)	200 VDC	.240 µF	244	5.00 µF	505
	LD	.025 nom.	(.635 nom.)	500 VDC	.180 µF	184	1.70 µF	175
 H10	W	.930 max.	(23.6 max.)	25 VDC	1.00 µF	105	38.0 µF	386
	H	.720 max.	(18.3 max.)	50 VDC	.900 µF	904	30.0 µF	306
	T	.250 max.	(6.35 max.)	100 VDC	.750 µF	754	20.0 µF	206
	S	.800 nom.	(20.3 nom.)	200 VDC	.470 µF	474	14.0 µF	146
	LD	.032 nom.	(.813 nom.)	500 VDC	.300 µF	304	5.80 µF	585



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.

How to Order Switch-Mode Radials

Part number written: 201H07W105KQ4

201	H07	W	105	K	Q	4	T
VOLTAGE	**SIZE**	**DIELECTRIC**	**CAPACITANCE**	**TOLERANCE**	**TERMINATION**	**MARKING**	**PACKING**
250 = 25 V 500 = 50 V 101 = 100 V 201 = 200 V 501 = 500 V	See Chart	N = NP0 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	T = Tape and Reel H = High Rel Testing per customer requirements S = Special Part

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Johanson:
101H09H106KQ4S