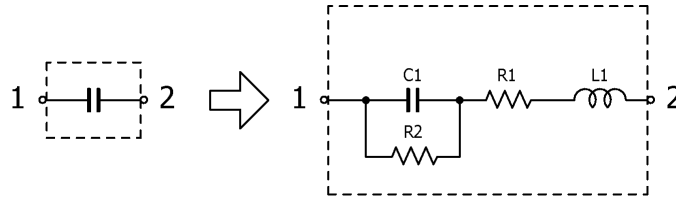


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (High Voltage (1000V and over)) / C4520 series (1/2)

Circuit Diagram



Circuit Parameters

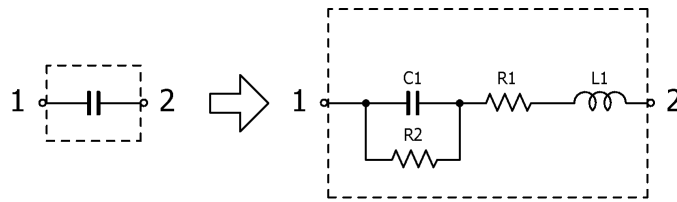
Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C4520C0G3F100F085KA	10	1.550	0.4514	10.0
C4520CH3F100F085KA	10	1.550	0.4514	10.0
C4520C0G3F120K085KA	12	1.550	0.4099	10.0
C4520CH3F120K085KA	12	1.550	0.4099	10.0
C4520C0G3F150K110KA	15	1.550	0.3388	10.0
C4520CH3F150K110KA	15	1.550	0.3388	10.0
C4520C0G3F180K110KA	18	1.550	0.3138	10.0
C4520CH3F180K110KA	18	1.550	0.3138	10.0
C4520C0G3F220K110KA	22	1.550	0.3009	10.0
C4520CH3F220K110KA	22	1.550	0.3009	10.0
C4520C0G3F270K160KA	27	1.550	0.2305	10.0
C4520CH3F270K160KA	27	1.550	0.2305	10.0
C4520C0G3F330K160KA	33	1.550	0.2169	10.0
C4520CH3F330K160KA	33	1.550	0.2169	10.0
C4520C0G3F390K160KA	39	1.550	0.2279	10.0
C4520CH3F390K160KA	39	1.550	0.2279	10.0
C4520C0G3F470K160KA	47	1.550	0.1633	10.0
C4520CH3F470K160KA	47	1.550	0.1633	10.0
C4520C0G3F560K200KA	56	1.550	0.1837	10.0
C4520CH3F560K200KA	56	1.550	0.1837	10.0
C4520C0G3F680K200KA	68	1.550	0.1660	10.0
C4520CH3F680K200KA	68	1.550	0.1660	10.0
C4520C0G3F820K200KA	82	1.550	0.1389	10.0
C4520CH3F820K200KA	82	1.550	0.1389	10.0
C4520C0G3F101K200KA	100	1.550	0.1307	10.0
C4520CH3F101K200KA	100	1.550	0.1307	10.0
C4520JB3D471K130KA	470	1.550	0.4288	10.0
C4520JB3D471M130KA	470	1.550	0.4288	10.0
C4520X7R3D471K130KA	470	1.550	0.4288	10.0
C4520X7R3D471M130KA	470	1.550	0.4288	10.0
C4520JB3A471K130KA	470	1.550	0.4288	10.0
C4520JB3A471M130KA	470	1.550	0.4288	10.0
C4520X7R3A471K130KA	470	1.550	0.4288	10.0
C4520X7R3A471M130KA	470	1.550	0.4288	10.0
C4520JB3D102K130KA	1,000	1.550	0.2414	10.0
C4520JB3D102M130KA	1,000	1.550	0.2414	10.0
C4520X7R3D102K130KA	1,000	1.550	0.2414	10.0

Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Commercial Grade (High Voltage (1000V and over)) / C4520 series (2/2)

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
C4520X7R3D102M130KA	1,000	1.550	0.2414	10.0
C4520JB3A102K130KA	1,000	1.550	0.2414	10.0
C4520JB3A102M130KA	1,000	1.550	0.2414	10.0
C4520X7R3A102K130KA	1,000	1.550	0.2414	10.0
C4520X7R3A102M130KA	1,000	1.550	0.2414	10.0