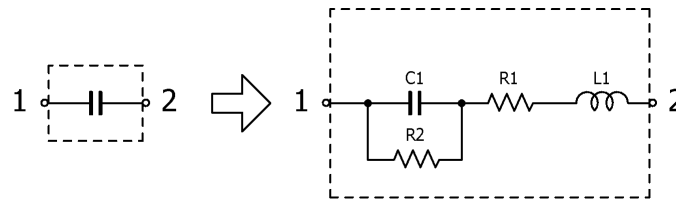


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Automotive Grade (High Voltage (1000V and over)) / CGA7 series

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA7F1C0G3F100F085KA	10	1.550	0.4514	10.0
CGA7F1C0G3F120K085KA	12	1.550	0.4099	10.0
CGA7G1C0G3F150K110KA	15	1.550	0.3388	10.0
CGA7G1C0G3F180K110KA	18	1.550	0.3138	10.0
CGA7G1C0G3F220K110KA	22	1.550	0.3009	10.0
CGA7L1C0G3F270K160KA	27	1.550	0.2305	10.0
CGA7L1C0G3F330K160KA	33	1.550	0.2169	10.0
CGA7L1C0G3F390K160KA	39	1.550	0.2279	10.0
CGA7L1C0G3F470K160KA	47	1.550	0.1633	10.0
CGA7M1C0G3F560K200KA	56	1.550	0.1837	10.0
CGA7M1C0G3F680K200KA	68	1.550	0.1660	10.0
CGA7M1C0G3F820K200KA	82	1.550	0.1389	10.0
CGA7M1C0G3F101K200KA	100	1.550	0.1307	10.0
CGA7K1X7R3D471K130KA	470	1.550	0.4288	10.0
CGA7K1X7R3D471M130KA	470	1.550	0.4288	10.0
CGA7K1X7R3A471K130KA	470	1.550	0.4288	10.0
CGA7K1X7R3A471M130KA	470	1.550	0.4288	10.0
CGA7K1X7R3D102K130KA	1,000	1.550	0.2414	10.0
CGA7K1X7R3D102M130KA	1,000	1.550	0.2414	10.0
CGA7K1X7R3A102K130KA	1,000	1.550	0.2414	10.0
CGA7K1X7R3A102M130KA	1,000	1.550	0.2414	10.0