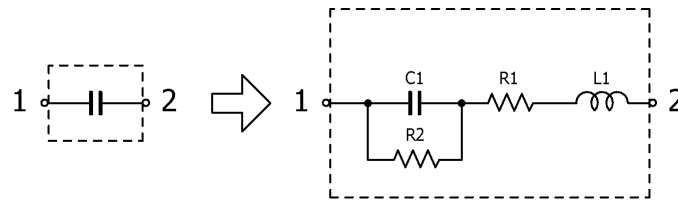


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Automotive Grade (High Voltage (1000V and over)) / CGA8 series

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA8L1C0G3F101K160KA	100	0.700	0.1059	10.0
CGA8L1C0G3F121K160KA	120	0.700	0.0735	10.0
CGA8L1C0G3F151K160KA	150	0.700	0.0716	10.0
CGA8L1C0G3F181K160KA	180	0.700	0.0637	10.0
CGA8M1C0G3F221K200KA	220	0.700	0.0586	10.0
CGA8N1C0G3F271K230KA	270	0.700	0.0594	10.0
CGA8P1C0G3F331K250KA	330	0.700	0.0463	10.0
CGA8K1X7R3D222K130KA	2,200	0.700	0.1293	10.0
CGA8K1X7R3D222M130KA	2,200	0.700	0.1293	10.0
CGA8L1X7R3A472K160KA	4,700	0.700	0.0766	10.0
CGA8L1X7R3A472M160KA	4,700	0.700	0.0766	10.0
CGA8M1X7R3A103K200KA	10,000	0.700	0.0469	10.0
CGA8M1X7R3A103M200KA	10,000	0.700	0.0469	10.0