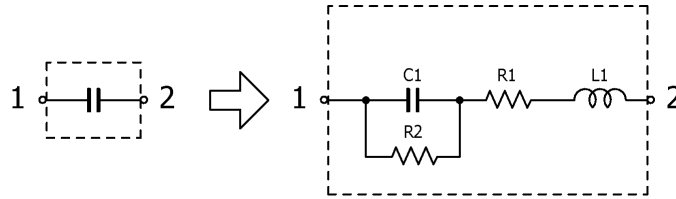


## Multilayer Ceramic Chip Capacitors

June 29, 2015  
Simple Model

Automotive Grade ( Soft Termination ) / CGA8 series

### Circuit Diagram



### Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA8P1C0G3F331K250KE	330	0.700	0.0382	10.0
CGA8K1X7R3D222K130KE	2,200	0.700	0.1340	10.0
CGA8K1X7R3D222M130KE	2,200	0.700	0.1340	10.0
CGA8M1X7T2J224K200KE	220,000	0.700	0.0205	2.27
CGA8M1X7T2J224M200KE	220,000	0.700	0.0205	2.27
CGA8N4X7T2W474K230KE	470,000	0.700	0.0116	1.06
CGA8N4X7T2W474M230KE	470,000	0.700	0.0116	1.06
CGA8N3X7R2E474K230KE	470,000	0.700	0.0114	1.06
CGA8N3X7R2E474M230KE	470,000	0.700	0.0114	1.06
CGA8P3X7T2E105K250KE	1,000,000	0.700	0.0081	0.500
CGA8P3X7T2E105M250KE	1,000,000	0.700	0.0081	0.500