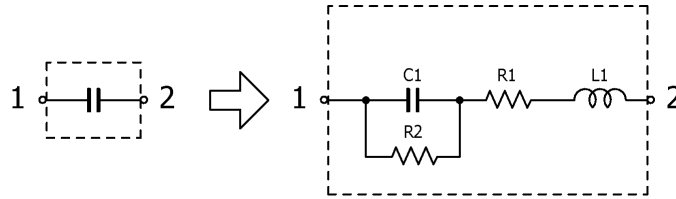


## Multilayer Ceramic Chip Capacitors

June 29, 2015  
Simple Model

Automotive Grade ( Soft Termination ) / CGA9 series

### Circuit Diagram



### Circuit Parameters

Part No.	C1[ $\mu$ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGA9P1X7T2J474K250KE	470,000	0.650	0.0124	1.06
CGA9P1X7T2J474M250KE	470,000	0.650	0.0124	1.06
CGA9P4X7T2W105K250KE	1,000,000	0.650	0.0068	0.500
CGA9P4X7T2W105M250KE	1,000,000	0.650	0.0068	0.500
CGA9N3X7R2E105K230KE	1,000,000	0.650	0.0078	0.500
CGA9N3X7R2E105M230KE	1,000,000	0.650	0.0078	0.500
CGA9P3X7T2E225K250KE	2,200,000	0.650	0.0049	0.227
CGA9P3X7T2E225M250KE	2,200,000	0.650	0.0049	0.227
CGA9N3X7S2A106K230KE	10,000,000	0.650	0.0049	0.0500
CGA9N3X7S2A106M230KE	10,000,000	0.650	0.0049	0.0500