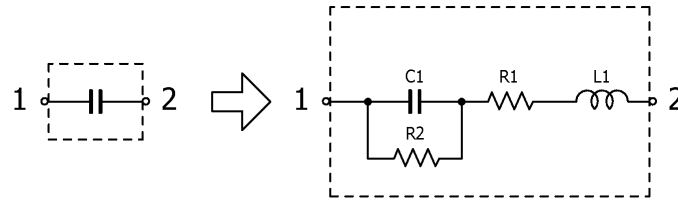


Multilayer Ceramic Chip Capacitors

May 23, 2022
Simple Model

Automotive Grade, Soft Termination / CGA9 series

Circuit Diagram



Circuit Parameters

Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGA9N1C0G2J683J230KE	68,000	0.650	0.0079	7.35
CGA9N4C0G2E154J230KE	150,000	0.650	0.0062	3.33
CGA9N2C0G2A154J230KE	150,000	0.650	0.0062	3.33
CGA9N4X7R2J224K230KE	220,000	0.650	0.0130	2.27
CGA9N4X7R2J224M230KE	220,000	0.650	0.0130	2.27
CGA9P1X7T2J474K250KE	470,000	0.650	0.0124	1.06
CGA9P1X7T2J474M250KE	470,000	0.650	0.0124	1.06
CGA9N3X7R2E105K230KE	1,000,000	0.650	0.0078	0.500
CGA9N3X7R2E105M230KE	1,000,000	0.650	0.0078	0.500
CGA9P4X7T2W105K250KE	1,000,000	0.650	0.0068	0.500
CGA9P4X7T2W105M250KE	1,000,000	0.650	0.0068	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