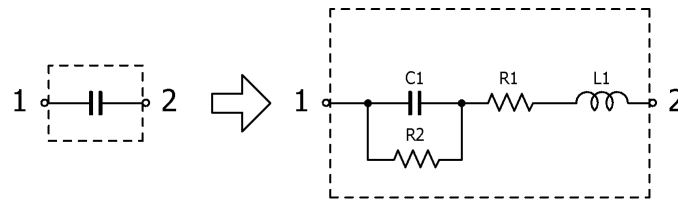


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Automotive Grade (General (Up to 50V)) / CGA8 series

Circuit Diagram



Circuit Parameters

Part No.	C1[pF]	L1[nH]	R1[ohm]	R2[Gohm]
CGA8L2C0G1H473J160KA	47,000	0.700	0.0100	10.0
CGA8L2C0G1H683J160KA	68,000	0.700	0.0083	7.35
CGA8M2C0G1H104J200KA	100,000	0.700	0.0063	5.00
CGA8P2C0G1H154J250KA	150,000	0.700	0.0052	3.33
CGA8R2C0G1H224J320KA	220,000	0.700	0.0040	2.27
CGA8L2X7R1H155K160KA	1,500,000	0.700	0.0069	0.333
CGA8L2X7R1H225K160KA	2,200,000	0.700	0.0057	0.227
CGA8M2X7R1H335K200KA	3,300,000	0.700	0.0044	0.151
CGA8M3X7R1H475K200KB	4,700,000	0.700	0.0057	0.106
CGA8L2X7R1E475K160KA	4,700,000	0.700	0.0037	0.106
CGA8L2X7R1E475M160KA	4,700,000	0.700	0.0037	0.106
CGA8P3X7R1H685K250KB	6,800,000	0.700	0.0033	0.0730
CGA8P2X7R1E106K250KA	10,000,000	0.700	0.0020	0.0500
CGA8Q3X7R1E156M280KB	15,000,000	0.700	0.0025	0.0330
CGA8P1X7R1E226M250KC	22,000,000	0.700	0.0022	0.0220
CGA8N3X7R1C226M230KB	22,000,000	0.700	0.0032	0.00400
CGA8P1X7R1C336M250KC	33,000,000	0.700	0.0016	0.00300