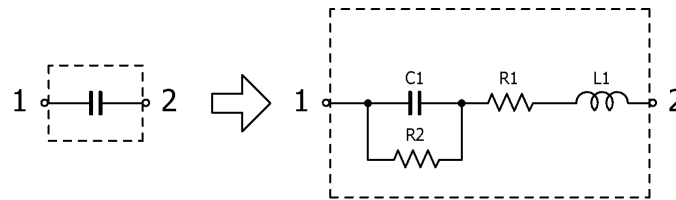


Multilayer Ceramic Chip Capacitors

June 29, 2015
Simple Model

Automotive Grade (Mid Voltage (100 to 630V)) / CGA2 series

Circuit Diagram



Circuit Parameters

Part No.	C1[μ F]	L1[nH]	R1[ohm]	R2[Gohm]
CGA2B2C0G2A101J050BA	100	0.370	0.1104	10.0
CGA2B2C0G2A121J050BA	120	0.370	0.0877	10.0
CGA2B2C0G2A151J050BA	150	0.370	0.0978	10.0
CGA2B2C0G2A181J050BA	180	0.370	0.0761	10.0
CGA2B2C0G2A221J050BA	220	0.370	0.0687	10.0
CGA2B2C0G2A271J050BA	270	0.370	0.0704	10.0
CGA2B2C0G2A331J050BA	330	0.370	0.0667	10.0
CGA2B2C0G2A391J050BA	390	0.370	0.0540	10.0
CGA2B2C0G2A471J050BA	470	0.370	0.0506	10.0
CGA2B3X7S2A102K050BB	1,000	0.370	0.2870	10.0
CGA2B3X7S2A102M050BB	1,000	0.370	0.2870	10.0
CGA2B3X7S2A152K050BB	1,500	0.370	0.2422	10.0
CGA2B3X7S2A152M050BB	1,500	0.370	0.2422	10.0
CGA2B3X7S2A222K050BB	2,200	0.370	0.1574	10.0
CGA2B3X7S2A222M050BB	2,200	0.370	0.1574	10.0
CGA2B3X7S2A332K050BB	3,300	0.370	0.1427	10.0
CGA2B3X7S2A332M050BB	3,300	0.370	0.1427	10.0
CGA2B3X7S2A472K050BB	4,700	0.370	0.1143	10.0
CGA2B3X7S2A472M050BB	4,700	0.370	0.1143	10.0
CGA2B3X7S2A682K050BB	6,800	0.370	0.1286	10.0
CGA2B3X7S2A682M050BB	6,800	0.370	0.1286	10.0
CGA2B3X7S2A103K050BB	10,000	0.370	0.0669	10.0
CGA2B3X7S2A103M050BB	10,000	0.370	0.0669	10.0